

# FINAL BASIC ASSESSMENT REPORT

# APPENDIX E



## Public Participation

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## E.1: COPY OF SITE NOTICE BOARD - AFRIKAANS

### KENNISGEWING VAN DIE GEINTEGREERDE OPENBARE PUBLIEKE DEELNAME PROSES VIR DIE BASIESE EVALUERINGS PROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN SEWE 132 KV OORHOOFSE KRAGLYNE EN MEEGAANDE ELEKTRIESE NETWERK INFRASTRUKTUUR TER ONDERSTEUNING VAN DIE DRIE VOORGESTELDE KWAGGA WIND ENERJIE OPWEKKINGSFASILITEITE (WEFS) (NL. KWAGGA WEF 1, KWAGGA WEF 2 EN KWAGGA WEF 3), GELEË NABY BEAUFORT WES IN DIE WES-KAAP PROVINSIE

ABO Wind Renewable Energy (Pty) Ltd ("die Aansoeker") is van voorneme om sewe (7x) 132 kV oorhoofse kraglyne en meegaande elektriese netwerk infrastruktuur op te rig, ter ondersteuning van die voorgestelde Kwagga WEF 1, Kwagga WEF 2 en Kwagga WEF 3 naby Beaufort Wes in die Wes-Kaap Provinsie. Die Nasionale Departement van Bosbou, Visserye en die Omgewing (DFFE) het afsonderlike Omgewingsgoedkeuring gegee vir die Kwagga WEF 1 (DFFE Verw: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Verw: 14-12-16-3-3-2-2071) en die Kwagga WEF 3 (DFFE Verw: 14-12-16-3-3-2-2072) projekte op 7 April 2022. Die elektriese netwerk infrastruktuur komponent van die drie voorgestelde Kwagga WEF projekte het egter nie deel gevorm van die Bestekopname en Omgewingsimpak Studies wat vir elkeen van die drie WEF's onderneem is nie. Die Aansoeker is dus nou besig om die aansoek vir omgewingsgoedkeuring sowel as omgewingsevaluering wat vereis word vir hierdie voorgenome kraglyn ontwikkelinge, wat nodig is vir die verbinding van die voorgestelde Kwagga WEFs met die nasionale elektriese netwerk, te onderneem.

Die meegaande elektriese netwerk infrastruktuur sluit in die installering en/of opgradering van toevoer plekke ("feeder bays"), busstawe "busbars", nuwe transformator plekke "transformer bays" (tot en met 500 MVA) by die voorgestelde Eskom 132 kV Skakelstasie ("Switching Station") (DFFE Verw: 14-12-16-3-3-1-2464) en die voorgestelde Beaufort West 132 kV-400 kV Verbindingstasie ("Linking Station") (DFFE Verw: 14-12-16-3-3-2-925-1). Die voorgestelde kraglyne is geleë in die Beaufort West- en Prince Albert Plaaslike Munisipaliteite, wat val binne die Sentrale Karoo Distrik Munisipaliteit. Die korridor vir die sewe voorgestelde 132 kV kraglyne sal die volgende geaffekteerde plaas gedeeltes deurkruis (sien Figuur 1):

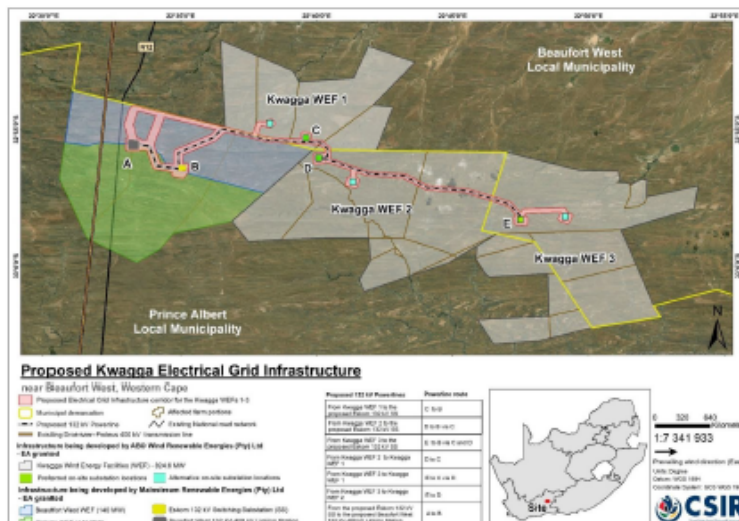
- Restant van die Plaas Dwaalfontein Wes No. 377;
- Gedeelte 3 van die Plaas Tyger Poort No. 378;
- Gedeelte 1 van die Plaas Dwaalfontein Wes No. 377;
- Restant van die Plaas Dwaalfontein No. 379;
- Restant van die Plaas Wolve Kraal No. 17;
- Gedeelte 9 van die Plaas Wolve Kraal No. 17;
- Gedeelte 7 van die Plaas Muis Kraal No. 373;
- Gedeelte 1 van die Plaas Witpoortje No. 16;
- Restant van die Plaas Trakas Kullen No. 15; en
- Gedeelte 1 van die Plaas Trakas Kullen No. 15.

Voorgestelde Oorhoofse Kraglyn Roete		Langte
Gedeelte 1: A tot B	Vanaf die voorgestelde Beaufort West 132 kV-400 kV Verbindingstasie tot by die voorgestelde Eskom 132 kV Skakelstasie	3 km
Gedeelte 2: B tot C	Vanaf die voorgestelde Eskom 132 kV Skakelstasie na die voorgestelde Kwagga WEF 1	9 km
Gedeelte 3: B tot D (via C)	Vanaf die voorgestelde Eskom 132 kV Skakelstasie na die voorgestelde Kwagga WEF 2	12 km
Gedeelte 4: B tot E (via C and D)	Vanaf die voorgestelde Eskom 132 kV Skakelstasie na die voorgestelde Kwagga WEF 3	25 km
Gedeelte 5: C tot D	Vanaf die voorgestelde Kwagga WEF 1 na die voorgestelde Kwagga WEF 2	3 km
Gedeelte 6: C tot E (via D)	Vanaf die voorgestelde Kwagga WEF 1 na die voorgestelde Kwagga WEF 3	16 km
Gedeelte 7: D tot E	Vanaf die voorgestelde Kwagga WEF 2 na die voorgestelde Kwagga WEF 3	13 km

Die 7 x voorgestelde kraglyn projekte is onderhewig aan 'n Basiese Evaluering ("BA") proses, en 'n besluitnemingsperiode van 107 dae ingevolge die Nasionale Omgewingsbestuurswet, 1998 (Wet 107 van 1998, soos gewysig) ("NEMA") en die nuutste 2014 Omgewingsimpak Studie ("EIA") Regulasies (soos gewysig), sowel as die gepubliseerde Omgewingsassesseringsprotokolle ingevolge die 2014 NEMA "EIA" Regulasies, soos gewysig en waar van toepassing (GG 43855 / GN 1150, 30 Oktober 2020 en GG 43110 / GN 320, 20 Maart 2020). Daarom sal sewe Aansoek vir Omgewingsgoedkeuring ("EA") en sewe afsonderlike "BA" verslae voorberei en ingedien word by die DFFE vir besluitneming. Dit word daarom voorgestel dat sewe aparte EAs uitgereik word vir elkeen van die 132 kV kraglyne en meegaande elektriese netwerk infrastruktuur. Neem kennis dat die sewe voorgestelde kraglyn ontwikkelings nie geleë is in 'n Hernubare Energie Ontwikkeling Sone ("REDZ") of 'n strategiese kraglyn korridor nie.

Die gelyste aktiwiteite ingevolge die 2014 NEMA "EIA" Regulasies (soos gewysig) ("GN 327 "Listing Notice" [LN] 1 en GN 324 LN 3") wat dalk van toepassing mag wees op die voorgestelde kraglyn projekte, sal bevestig word gedurende die "BA" prosesse. Kommentaar sal ook verkry word vanaf Erfenis Wes-Kaap ("Heritage Western Cape") ingevolge die Wet op Nasionale Erfenis Bronne (Wet 25 van 1999). Die "BA" prosesse sal ook bevestig indien 'n Waterverbruikslisensie vereis word ingevolge die Nasionale Water Wet (Wet 36 van 1998), soos gewysig. 'n Geïntegreerde Publieke Deelname Proses sal daarom onderneem word vir die voorgestelde projekte, insluitend sewe 132 kV kraglyne en meegaande elektriese netwerk infrastruktuur, wat gedek sal word in die sewe afsonderlike "BA" verslae, asook alle aansoek soos vereis ingevolge ander relevante omgewingswetgewing.

Die Wetenskaplike Nywerheids- en Navorsingsraad (WNNR) is aangestel as die onafhanklike Omgewingskonsultant ("EAP") om die "BA" prosesse vir die voorgestelde projekte te behartig en te bestuur namens die Aansoeker. Sou u belangstel om te registreer as 'n Geïnteresseerde en/of Belanghebbende Party (G&BP), en om kommentaar te lewer op die voorgestelde projekte, word u vriendelik versoek om u naam en kontakbesonderhede te epos tesame met 'n aanduiding van enige direkte, besigheids, finansiële, persoonlike of ander redes vir u moontlike belangstelling in die aansoek, aan die "EAP" by die WNNR: Dhiveshni Moodley (Tel: 074 890 0103); en Lizande Kelleman (Tel: 083 799 0949); E-pos: [ems@csir.co.za](mailto:ems@csir.co.za) (met "Kwagga EGI" as die onderwerp); Posadres: Posbus 320, Stellenbosch, 7509; of Faks: 021 888 2693. Vir verdere inligting en verklarings op die projekte besoek gerus die projek webwerf by <https://www.csir.co.za/environmental-impact-assessment>



Figuur 1: Ligging van die studiegebied wat geëvalueer word en die plaas gedeeltes wat geaffekteer gaan word deur die ontwikkeling van die voorgestelde 7 x 132 kV oorhoofse kraglyne en meegaande infrastruktuur.

**E.2: COPY OF SITE NOTICE BOARD - ENGLISH**

**NOTICE OF THE INTEGRATED PUBLIC PARTICIPATION PROCESS FOR THE BASIC ASSESSMENT PROCESSES FOR THE PROPOSED DEVELOPMENT OF SEVEN 132 KV OVERHEAD TRANSMISSION POWERLINES AND ITS ASSOCIATED ELECTRICAL GRID INFRASTRUCTURE, IN SUPPORT OF THE THREE PROPOSED KWAGGA WIND ENERGY FACILITIES (WEFS) (I.E. KWAGGA WEF 1, KWAGGA WEF 2 AND KWAGGA WEF 3), NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE**

ABO Wind renewable energies (Pty) Ltd ("the Applicant") is proposing the construction of seven (7x) 132 kV Overhead Transmission Powerlines and its associated electrical grid infrastructure (EGI), in support of the proposed Kwagga Wind Energy Facilities (WEFs) 1-3, near Beaufort West in the Western Cape. The National Department of Forestry, Fisheries and the Environment (DFFE) has granted Environmental Authorisation (EA) for the Kwagga WEF 1 (DFFE Ref: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Ref: 14-12-16-3-3-2-2071) and Kwagga WEF 3 (DFFE Ref: 14-12-16-3-3-2-2072) projects separately on 7 April 2022. The EGI component of the three proposed Kwagga WEF projects did not form part of the Scoping and EIA Processes that were undertaken for each of the three WEFs and now post-EA, the Applicant is undertaking the applications for EA and necessary environmental impact studies required for the proposed EGI that is necessary to facilitate the connection of the proposed Kwagga WEFs to the national electrical grid network.

The associated EGI includes the installation and/or upgrade of feeder bays, busbars, new transformer bays (up to 500 MVA) at the proposed Eskom 132 kV Switching Station (DFFE Ref: 14-12-16-3-3-1-2464) and the proposed Beaufort West 132 kV-400 kV Linking Station (DFFE Ref: 14-12-16-3-3-2-925-1). The proposed powerlines are located within the Beaufort West- and Prince Albert Local Municipalities, which fall within the Central Karoo District Municipality. The corridor for the seven proposed 132 kV Overhead Transmission Powerlines will traverse the following farm portions (see Figure 1):

- Remainder of the Farm Dwaalfontein Wes No. 377;
- Portion 3 of the Farm Tyger Poort No. 376;
- Portion 1 of the Farm Dwaalfontein Wes No. 377;
- Remainder of the Farm Dwaalfontein No. 379;
- Remainder of the Farm Wolve Kraal No. 17;
- Portion 9 of the Farm Wolve Kraal No.17;
- Portion 7 of the Farm Muis Kraal No. 373;
- Portion 1 of the Farm Witpoortje No. 16;
- Remainder of the Farm Trakas Kuilen No. 15; and
- Portion 1 of the Farm Trakas Kuilen No. 15

Proposed Overhead Transmission Powerline Route		Length
Section 1: A to B	From the proposed Beaufort West 132 kV-400 kV Linking Station to the proposed Eskom 132 kV Switching Station (SS)	3 km
Section 2: B to C	From the proposed Eskom 132 kV SS to the proposed Kwagga WEF 1	9 km
Section 3: B to D (via C)	From the proposed Eskom 132 kV SS to the proposed Kwagga WEF 2	12 km
Section 4: B to E (via C and D)	From the proposed Eskom 132 kV SS to the proposed Kwagga WEF 3	25 km
Section 5: C to D	From the proposed Kwagga WEF 1 to the proposed Kwagga WEF 2	3 km
Section 6: C to E (via D)	From the proposed Kwagga WEF 1 to the proposed Kwagga WEF 3	16 km
Section 7: D to E	From the proposed Kwagga WEF 2 to the proposed Kwagga WEF 3	13 km

The seven powerline developments are not located in a Renewable Energy Development Zone (REDZ) nor a strategic powerline corridor. The 7 x proposed powerline projects are subject to a **Basic Assessment (BA)** process, and a decision-making period of 107 days in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations (as amended), as well as the gazetted Environmental Assessment Protocols in terms of the 2014 NEMA EIA Regulations (as amended), where applicable (GG 43855 / GN 1150, 30 October 2020 and GG 43110 / GN 320, 20 March 2020). Therefore, seven separate Applications for EA along with seven separate BA Reports will be compiled and submitted to the National DFFE for decision-making. It is therefore proposed that seven separate EAs will be issued for each 132 kV powerline and associated infrastructure.

The listed activities, which the proposed powerlines may potentially trigger in terms of the 2014 NEMA EIA Regulations (as amended) (GN R327 Listing Notice [LN] 1 and GN R324 LN 3), will be confirmed during the BA processes. Comment will also be sought from Heritage Western Cape in terms of the National Heritage Resources Act (Act 25 of 1999). The BA processes will also confirm if water use authorisation is required in accordance with the National Water Act (Act 36 of 1998, as amended). An integrated Public Participation Process will therefore be undertaken for the proposed projects that include seven 132 kV overhead transmission powerlines and associated infrastructure, covered in the seven BA Reports including all applications necessary in respect of other applicable environmental legislation.

The Council for Scientific and Industrial Research (CSIR) has been appointed as the independent Environmental Assessment Practitioner (EAP) to undertake and manage the BA processes for the proposed projects on behalf of the Project Applicant. Should you be interested in registering as an Interested and/or Affected Party (I&AP) and to provide comments on these proposed projects, you are kindly requested to e-mail your name and contact details, with an indication of any direct, business, financial, personal or other interest which you may have in the applications, to the EAP at the CSIR: **Dhiveshni Moodley** (Tel: 074 890 0103); and **Lizande Kellerman** (Tel: 083 799 0949); E-mail: [ems@csir.co.za](mailto:ems@csir.co.za) (with "Kwagga EGI" as the subject); Postal address: PO Box 320, Stellenbosch, 7599; or Fax: 021 888 2893. View the project website for more updates and further information: <https://www.csir.co.za/environmental-impact-assessment>

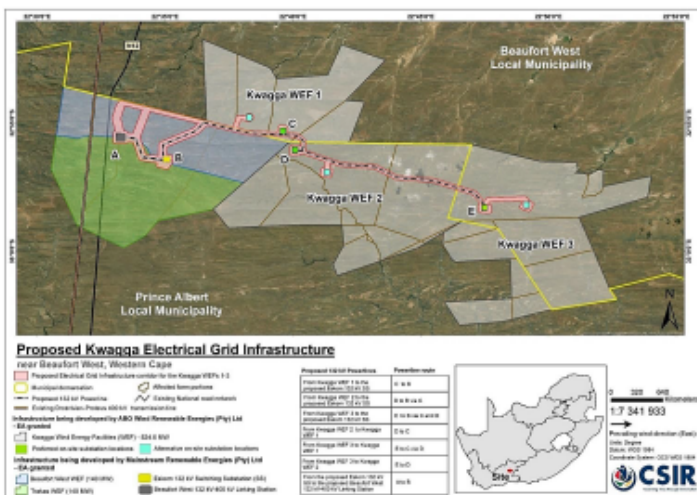
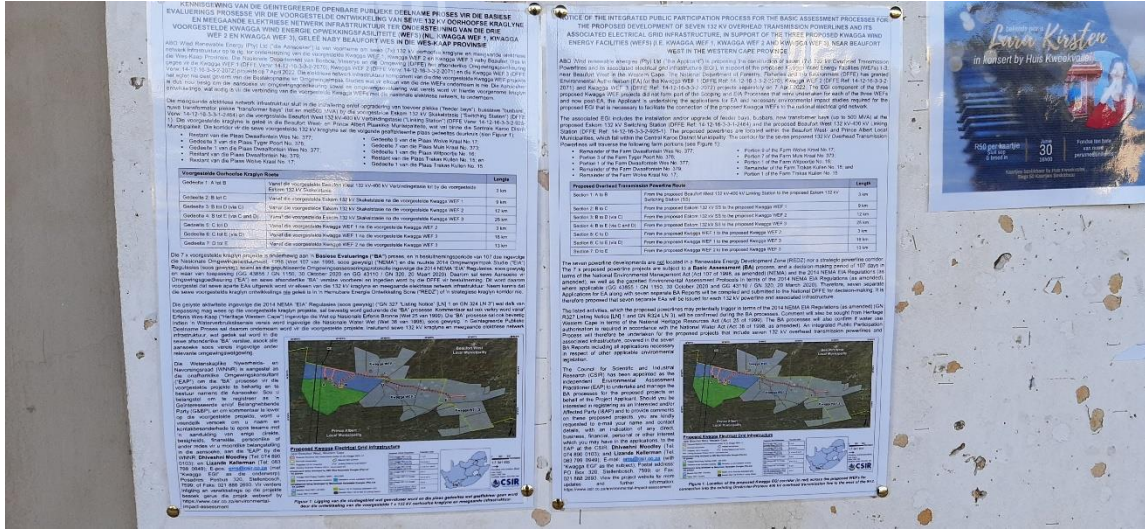


Figure 1: Location of the proposed Kwagga EGI corridor (in red) across the proposed WEFs for connection into the existing Droënrivier-Proteus 400 kV overhead transmission line to the west of the N12.

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline in the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

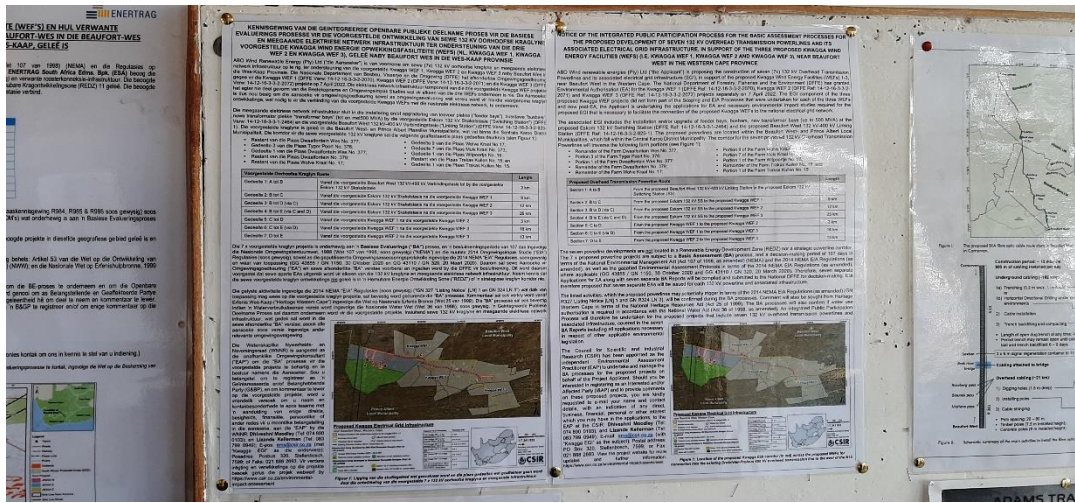
**E.3: PROOF OF PLACEMENT OF SITE NOTICE BOARDS**

**Site Notice board placed at the entrance of the Prince Albert Local Municipality offices on the R407, Prince Albert (Co-ordinates: S33° 13' 41.8" and E22° 01' 52.0")**



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

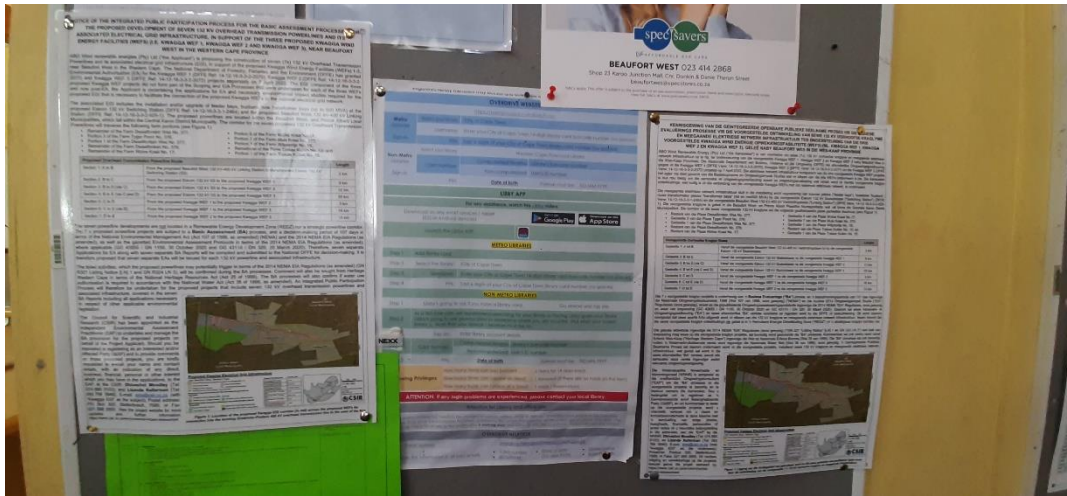
**Site Notice board placed at the entrance at the Central Karoo District Municipality offices at 63 Donkin Street, Beaufort West (Co-ordinates: S32° 20' 55.0" and E22° 34' 57.6")**



APPENDIX E – PUBLIC PARTICIPATION

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

**Site Notice board placed at the entrance at the Beaufort West Local Municipality offices at 25 Church Street, Beaufort West (Co-ordinates: S32° 21' 00.7" and E22° 35' 00.4")**



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

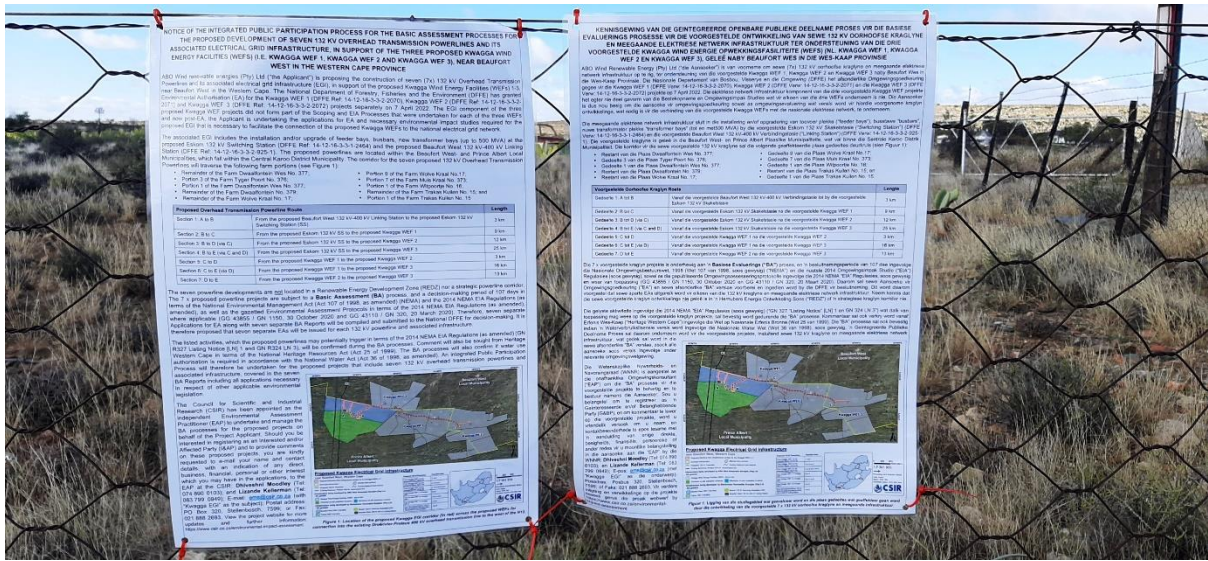
**Site Notice board placed at the entrance at the Beaufort West Public Library on Church Street, Beaufort West (Co-ordinates: S32° 21' 01.3" and E22° 35' 00.4")**





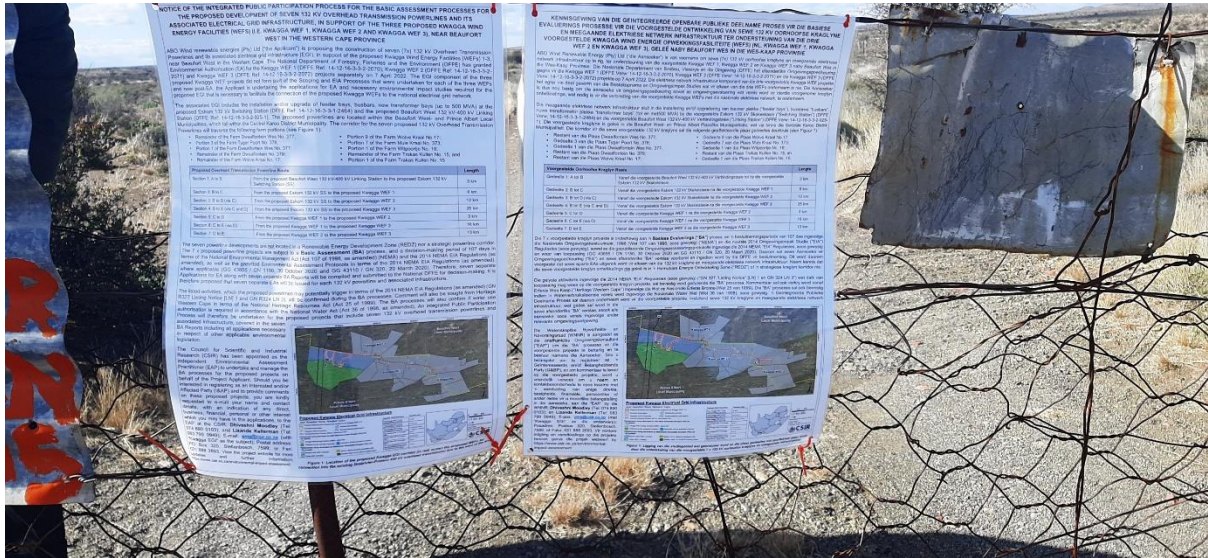
FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

**Site Notice board placed at the entrance gate on the N12 main road at the Silver Karoo Guest House turnoff (Co-ordinates: S32°53'20.19" and E22°33'11.11")**



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

**Site Notice board placed at the entrance gate to Farm Dwaalfontein 1/377 on the western border of the proposed Kwagga WEF 1 site (Co-ordinates: S32°53'47.8" and E22°36'32.7")**

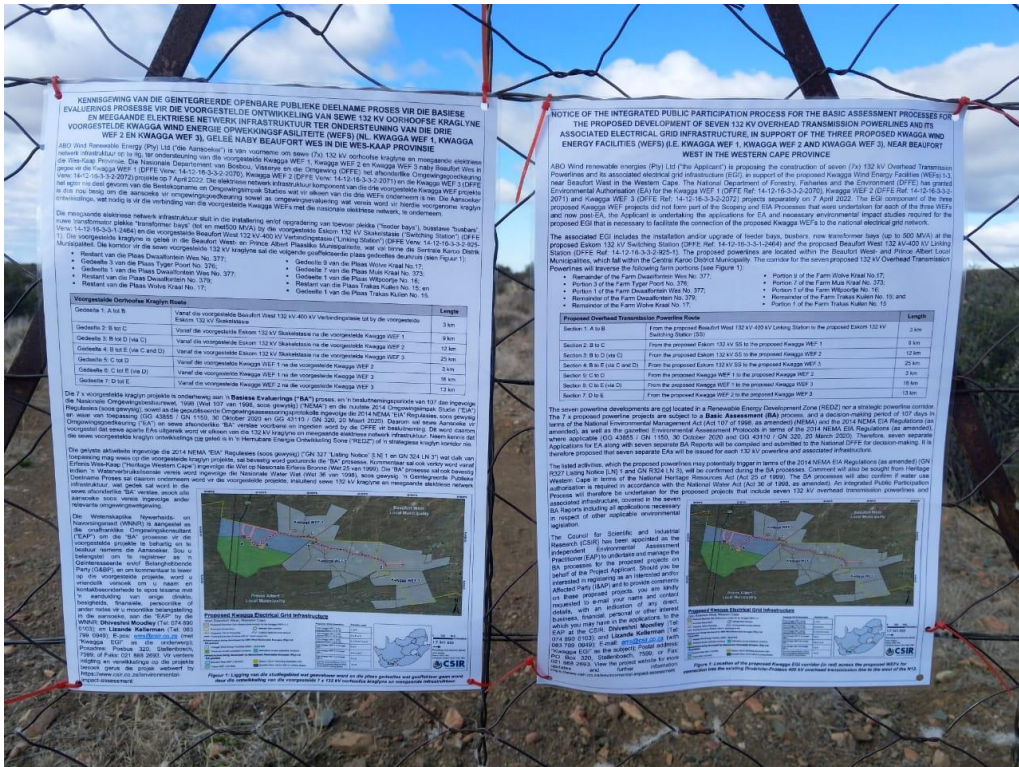


**Site Notice board placed at the entrance gate to Farm Tyger Poort 3/376 on the eastern border of the proposed Kwagga WEF 1 site (Co-ordinates: S32°55'16.7" and E22°42'22.1")**



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

Site Notice board placed at the entrance gate to the homestead on Farm Muis Kraal 7/373 from the R308 Rietbron bound public access road (Co-ordinates: S32°57'48.1" and E22°50'03.3")



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

**Site Notice board placed on the western fence to Farm Muis Kraal 7/373 from the Rietbron bound public access road (Co-ordinates: S32°58'00.0" and E22°47'30.0")**



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

**Site Notice board placed on the western fence to Farm Wolwe Kraal 19/17 from the Rietbron bound public access road (Co-ordinates: S32°58'50.0" and E22°45'20.5")**



**E.4: PROOF OF PLACEMENT OF THE NEWSPAPER ADVERTISEMENT**

**NOTICE OF THE INTEGRATED PUBLIC PARTICIPATION PROCESS FOR THE BASIC ASSESSMENT PROCESSES FOR THE PROPOSED DEVELOPMENT OF SEVEN 132 KV OVERHEAD TRANSMISSION POWERLINES AND ITS ASSOCIATED ELECTRICAL GRID INFRASTRUCTURE, IN SUPPORT OF THE THREE PROPOSED KWAGGA WIND ENERGY FACILITIES (WEFS) (I.E. KWAGGA WEF 1, KWAGGA WEF 2 AND KWAGGA WEF 3), NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE**

Notice is hereby given that the Project Applicant, ABO Wind renewable energies (Pty) Ltd, is proposing the construction of seven (7x) 132 kV Overhead Transmission Powerlines and its associated electrical grid infrastructure (EGI), in support of the proposed Kwagga Wind Energy Facilities (WEFs) 1-3, near Beaufort West in the Western Cape. The National Department of Forestry, Fisheries and the Environment (DFFE) has granted Environmental Authorisation (EA) for the Kwagga WEF 1 (DFFE Ref: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Ref: 14-12-16-3-3-2-2071) and Kwagga WEF 3 (DFFE Ref: 14-12-16-3-3-2-2072) projects separately on 7 April 2022. The EGI component of the three proposed Kwagga WEFs did not form part of the Scoping and EIA processes that were undertaken for each WEF and now post-EA, the Applicant is undertaking the Applications for EA and necessary environmental impact studies required for the proposed Kwagga EGI that is necessary to facilitate the connection of the proposed Kwagga WEFs to the national electrical grid network.

The associated EGI includes the installation and/or upgrade of feeder bays, busbars, new transformer bays (up to 500 MVA) at the proposed Eskom 132 kV Switching Station (DFFE Ref: 14-12-16-3-3-1-2464) and the proposed Beaufort West 132 kV-400 kV Linking Station (DFFE Ref: 14-12-16-3-3-2-925-1). The proposed powerlines are located within the Beaufort West- and Prince Albert Local Municipalities, which fall within the Central Karoo District Municipality. The corridor for the seven proposed 132 kV Overhead Transmission Powerlines will traverse the following farm portions:

- Farm Dwaalfontein Wes No. 377 / RE
- Farm Tyger Poort No. 376 / 3
- Farm Dwaalfontein Wes No. 377 / 1
- Farm Dwaalfontein No. 379 / RE
- Farm Wolwe Kraal No. 17 / RE
- Farm Wolwe Kraal No. 17 / 9
- Farm Muis Kraal No. 373 / 7
- Farm Witpoortje No. 16 / 1
- Farm Trakas Kuilen No. 15 / RE
- Farm Trakas Kuilen No. 15 / 1

Proposed 132 kV Overhead Transmission Powerline Route Sections	Length
Between the Kwagga WEF 1 and the Eskom 132 kV Switching Substation	9 km
Between the Kwagga WEF 2 and the Eskom 132 kV Switching Substation	12 km
Between the Kwagga WEF 3 and the Eskom 132 kV Switching Substation	25 km
Between the Kwagga WEF 1 and the Kwagga WEF 2	3 km
Between the Kwagga WEF 1 and the Kwagga WEF 3	16 km
Between the Kwagga WEF 2 and the Kwagga WEF 3	13 km
Between the Beaufort West 132 kV-400 kV Linking Station and the Eskom 132 kV Switching Substation	3 km

The 7 x proposed powerline projects are subject to a **Basic Assessment (BA)** process in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations (as amended), as well as the gazetted Environmental Assessment Protocols in terms of the 2014 NEMA EIA Regulations (as amended), where applicable (GG 43855 / GN 1150, 30 October 2020 and GG 43110 / GN 320, 20 March 2020). Therefore, seven separate Applications for EA along with seven separate BA Reports will be compiled and submitted to the National DFFE for decision-making. It is therefore proposed that seven separate EAs will be issued for each 132 kV powerline and associated infrastructure. The proposed projects trigger various listed activities in the 2014 NEMA EIA Regulations (as amended); with GN 327 LN 1: 11 serving as the main activity. Comment will also be sought from the Heritage Western Cape in terms of the National Heritage Resources Act (Act 25 of 1999). The BA processes will also confirm the need for Water Use Authorisation in accordance with the National Water Act (Act 36 of 1998, as amended). An integrated Public Participation Process will be undertaken for the proposed projects.

The Council for Scientific and Industrial Research (CSIR) has been appointed as the independent Environmental Assessment Practitioner (EAP) to undertake and manage the BA processes for these projects on behalf of the Project Applicant. Interested and/or Affected Parties (I&APs) are hereby notified of the release of the Draft BA Reports for a 30-day comment period, which will extend from **11 July to 11 August 2022**. The Draft BA Reports can be downloaded from the following website: <https://www.csir.co.za/environmental-impact-assessment>.

Should you be interested in registering as an I&AP and to provide comments on the Draft BA Reports, please send your name, contact details, with an indication of your interest in the application, along with comments, to the EAP at the CSIR: Dhiveshni Moodley (Tel: 074 890 0103); E-mail: [ems@csir.co.za](mailto:ems@csir.co.za) (with "Kwagga EGI" as the subject); Postal Address: P.O. Box 320, Stellenbosch, 7599; Tel: +27 21 888 2400. Future correspondence relating to these BAs will be distributed to all registered I&APs.

**KENNISGEWING VAN DIE GEINTEGREERDE OPENBARE PUBLIEKE DEELNAME PROSES VIR DIE BASIESE EVALUERINGS PROSESSE VIR DIE VOORGESTELDE ONTWIKKELING VAN SEW 132 KV OORHOOFSE KRAGLYNE EN MEEGAANDE ELEKTRIESE NETWERK INFRASTRUKTUUR TER ONDERSTEUNING VAN DIE DRIE VOORGESTELDE KWAGGA WIND ENERGIË OPWEEKINGSFASILITEITE (WEFS) (NL. KWAGGA WEF 1, KWAGGA WEF 2 EN KWAGGA WEF 3), GELEË NABY BEAUFORT WES IN DIE WES-KAAP PROVINSIE**

Hiermee word kennis gegee dat die Projek Aansoeker, ABO Wind renewable energies (Pty) Ltd, die ontwikkeling voorstel van sew 7x) 132 kV oorhoofse kraglyne en meegaande elektriese netwerk infrastruktuur, ter ondersteuning van die voorgestelde Kwagga WEF 1, Kwagga WEF 2 en Kwagga WEF 3 naby Beaufort Wes in die Wes-Kaap. Die Nasionale Departement van Bosbou, Visserye en die Omgewing (DFFE) het afsonderlike Omgewingsgoedkeuring ("EA") gegee vir die Kwagga WEF 1 (DFFE Verw: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Verw: 14-12-16-3-3-2-2071) en die Kwagga WEF 3 (DFFE Verw: 14-12-16-3-3-2-2072) projekte op 7 April 2022. Die elektriese netwerk infrastruktuur komponent van die drie voorgestelde Kwagga WEF het egter nie deel gevorm van die Bestekopname en Omgewingsimpak Studies wat vir elke WEF onderneem is nie. Die Aansoeker onderneem dus nou die aansoek vir omgewingsgoedkeuring sowel as die vereiste omgewings-evaluering vir elke van die voorgenome kraglyne, wat nodig is vir die verbinding van die voorgestelde Kwagga WEFs met die nasionale elektriese netwerk.

Die meegaande elektriese netwerk infrastruktuur sluit in die installering en/of opgradering van toevoer plekke ("feeder bays"), busstowe "busbars", nuwe transformator plekke "transformer bays" (op tot 500 MVA) by die voorgestelde Eskom 132 kV Skakelstasie ("Switching Station") (DFFE Verw: 14-12-16-3-3-1-2464) en die voorgestelde Beaufort West 132 kV-400 kV Verbindingstasie ("Linking Station") (DFFE Verw: 14-12-16-3-3-2-925-1). Die voorgestelde kraglyne is geleë in die Beaufort West- en Prince Albert Plaaslike Munisipaliteite, wat val binne die Sentrale Karoo Distrik Munisipaliteit. Die korridor vir die sew voorgestelde 132 kV kraglyne sal die volgende geëffekteerde plaas gedeeltes deursoek:

- Farm Dwaalfontein Wes No. 377 / RE
- Farm Tyger Poort No. 376 / 3
- Farm Dwaalfontein Wes No. 377 / 1
- Farm Dwaalfontein No. 379 / RE
- Farm Wolwe Kraal No. 17 / RE
- Farm Wolwe Kraal No. 17 / 9
- Farm Muis Kraal No. 373 / 7
- Farm Witpoortje No. 16 / 1
- Farm Trakas Kuilen No. 15 / RE
- Farm Trakas Kuilen No. 15 / 1

Voorgestelde 132 kV Oorhoofse Kraglyn Roete Gedeeltes	Langte
Tussen die Kwagga WEF 1 en die Eskom 132 kV Skakelstasie	9 km
Tussen die Kwagga WEF 2 en die Eskom 132 kV Skakelstasie	12 km
Tussen die Kwagga WEF 3 en die Eskom 132 kV Skakelstasie	25 km
Tussen die Kwagga WEF 1 en die Kwagga WEF 2	3 km
Tussen die Kwagga WEF 1 en die Kwagga WEF 3	16 km
Tussen die Kwagga WEF 2 en die Kwagga WEF 3	13 km
Tussen die Beaufort West 132 kV-400 kV Verbindingstasie en die Eskom 132 kV Skakelstasie	3 km

Die 7 x voorgestelde kraglyn projekte is onderhewig aan 'n **Basiese Ewaluerings ("BA")** proses ingevolge die Nasionale Omgewingsbestuurswet, 1998 (Wet 107 van 1998, soos gewysig) ("NEMA") en die nuutste 2014 Omgewingsimpak Studie ("EIA") Regulasies (soos gewysig), sowel as die gepubliseerde Omgewingsassesseringsprotokolle ingevolge die 2014 NEMA "EIA" Regulasies, soos gewysig en waar van toepassing (GG 43855 / GN 1150, 30 Oktober 2020 en GG 43110 / GN 320, 20 Maart 2020). Daarom sal sew Aansoek vir "EA" en sew afsonderlike "BA" verslae voorberei en ingedien word by die DFFE vir besluitneming. Dit word voorgestel dat sew aparte EAs uitgereik word vir elke van die 132 kV kraglyne en meegaande infrastruktuur. Die voorgestelde projekte sal verskeie geïntegreerde aktiwiteite aktiveer in terme van die 2014 NEMA "EIA" Regulasies (soos gewysig), met GN 327 LN 1: 11 as die hoof aktiwiteit. Kommentaar sal ook verkry word vanaf Erfenis Wes-Kaap ("Heritage Western Cape") ingevolge die Wet op Nasionale Erfenis Bronne (Wet 25 van 1999). Die "BA" prosesse sal ook bevestig of 'n Waterverbruiks-lisensie vereis word ingevolge die Nasionale Water Wet (Wet 36 van 1998), soos gewysig. 'n Geïntegreerde Publieke Deelname Proses sal daarom onderneem word vir die voorgestelde projekte.

Die Wetenskaplike Nywerheids- en Navorsingsraad (WNNR) ("CSIR") is aangestel as die onafhanklike Omgewingskonsultant ("EAP") om die "BA" prosesse vir die voorgestelde projekte te behartig en te bestuur namens die Projek Aansoeker. Geïnteresseerde en/of Belanghebbende Partye (G&BP) word hiermee in kennis gestel van die vrystelling van die Konsep "BA" Verslae vir 'n 30-dae kommentaar periode wat sal strek vanaf **11 Julie tot 11 Augustus 2022**. Die Konsep "BA" Verslae kan afgelaai word by hierdie webtuiste: <https://www.csir.co.za/environmental-impact-assessment>.

Sou u belangstel om te registreer as 'n G&BP, en om kommentaar te lewer op die Konsep "BA" Verslae, stuur asb u naam en kontakbesonderhede asook 'n aanduiding van u belangstelling in die aansoek, sowel as enige kommentaar, aan die "EAP" by die WNNR: Dhiveshni Moodley (Tel: 074 890 0103); E-pos: [ems@csir.co.za](mailto:ems@csir.co.za) (with "Kwagga EGI" as verwysing); Posadres: Posbus 320, Stellenbosch, 7599; Tel: +27 21 888 2400. Toekomstige korrespondensie rakende hierdie impakstudie sal aan alle geregistreerde G&BP versprei word.

**ISAZISO NGETHUBA LOKUTHATHA INXAXHEBA YOLUNTU KUYAVANYO LWEPEMBELELO NGOKUSINGQOKILEYO (INDALO) NGOPHULISO OLUCETYWAYO LWEZIBONELELO ZOKUDLULISA UMBANE (EGI) EZISIXHENXE EZIYI 132 KV EZIZO SETYENZISWA KWIZIKHULULO ZOKUPHEHLA UMBANE NGAMADLA OMOYA EZINTATHU (KWAGGA WEF 1, KWAGGA WEF 2 AND KWAGGA WEF 3) NGASE-BEAUFORT WEST, ENTSHONA KOLONI**

Isaziso sikhutshwa ukuba i-ABO Wind renewable energies (Pty) Ltd inenjongo yokwakhazisa izibonelelo zokudlulisa umbane (EGI) ezisixhenxe (7x) ezizo setyenziswa kwizikhululo zokuphehla umbane ngamandla omooya (Wind farms) ezintathu (Kwagga Wind Energy Facilities (WEFs) 1-3) kumazantsi ase Beaufort West, eNtshona Koloni. iSebe Lesizwe lezeNdalo (DFFE), linike imvume (Environmental Authorisation (EA)) yokwakhazisa izikhululo zokuphehla umbane ngamandla omooya ezintathu iKwagga WEF 1 (DFFE Ref: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Ref: 14-12-16-3-3-2-2071) kunye noKwagga WEF 3 (DFFE Ref: 14-12-16-3-3-2-2072) nge 7 ye Tshazimpuzi 2022.

Izibonelelo zokudlulisa umbane zibandakanya iintambo zodlulisa umbane ezihamba ngaphezulu, ifeeder bays, ibusbars, itransformer bays (500 MVA) ezintsha kwi Switching Station yeEskom 132 kV (DFFE Ref: 14-12-16-3-3-1-2464) kunye ne Beaufort West 132 kV-400 kV Linking Station (DFFE Ref: 14-12-16-3-3-2-925-1). Eziprojekthi zisixhenxe zikuMaspala wase Beaufort West kunye noMaspala iPrince Albert (Kwagga WEF 2 and 3), ezikuMaspala wesithili iCentral Karoo. Iinkukacha zeprojekthi zinimkiwe apha ngezantsi:


- Farm Dwaalfontein Wes No. 377 / RE
- Farm Tyger Poort No. 376 / 3
- Farm Dwaalfontein Wes No. 377 / 1
- Farm Dwaalfontein No. 379 / RE
- Farm Wolwe Kraal No. 17 / RE
- Farm Wolwe Kraal No. 17 / 9
- Farm Muis Kraal No. 373 / 7
- Farm Witpoortje No. 16 / 1
- Farm Trakas Kuilen No. 15 / RE
- Farm Trakas Kuilen No. 15 / 1

Proposed 132 kV Overhead Transmission Powerline Route Sections	Length
Between the Kwagga WEF 1 and the Eskom 132 kV Switching Substation	9 km
Between the Kwagga WEF 2 and the Eskom 132 kV Switching Substation	12 km
Between the Kwagga WEF 3 and the Eskom 132 kV Switching Substation	25 km
Between the Kwagga WEF 1 and the Kwagga WEF 2	3 km
Between the Kwagga WEF 1 and the Kwagga WEF 3	16 km
Between the Kwagga WEF 2 and the Kwagga WEF 3	13 km
Between the Beaufort West 132 kV-400 kV Linking Station and the Eskom 132 kV Switching Substation	3 km

Inkqubo yokuYavanya nokuPhononongwa kweMpebelelo kakusiNgqongileyo (**Basic Assessment (BA)**) iyafuneka kwiprojekthi ecetywayo ngoko mthetho wesizwe wokulawula okusingqongileyo nendalo (NEMA umthetho 107 ka-1998, njengoko kushicilelweyo) kunye nemimiselo yavavanyo ye-EIA ka 2014 njengoko ishicilelweyo kunye ne (GG 43855 / GN 1150, 30 EyoDwarha (October) 2020 and GG 43110 / GN 320, 20 EyoKwindla (March) 2020). Isaziso so landela inkqubo ye BA imalunga novavanyo/ummiselo ye-EIA ka 2014 njengoko ishicilelweyo. Isidingo soVavanyo lwempebelelo lu yimisebenzi yeqwebu ebalwe kwiMithethoNkqubo kaRhlumente GN 327 LN 1, ekuyiyo ehamba phambili. iSicelo sesigunyaziso sendalo esingqongileyo sizo fakwa kwiSebe Lesizwe lezeNdalo (DFFE) kunye ne BA Report kuze kufumaneke izimvo. Kuzafakwa iBA Report namphapha esicelo asixhenxe (7x) kuze kufumaneke iEA ezisixhenxe. Kwaye izimvo zizo funwa nakwi Heritage yase Ntshona Koloni ngokomthetho wemithombo yelifa lemveli (umthetho 25 ka 1999). Inkqubo yokuhlala iimpembelelo yezendalo ngoku landela inkqubo ye BA izoqinisekisa udingo lwoGunyaziso lokusebenzisa amanzi ngoko mthetho wamanzi (Umthetho 36 k 1998, njengoko ishicilelweyo). Kuzokwenziwa inqubo yokuthatha inxaxheba (PPP) edibeneyo ye projekthi zisixhenxe.

iCouncil for Scientific and Industrial Research (CSIR) iqeshwe yi-ABO Wind ukuba iphathe inkqubo ye BA. Amaqela achaphazelekayo nanomdla (I&APs) anikwa isaziso nqaqaliswa kwenkqubo yokuthatha inxaxheba yoluntu ye ntsuku ezingamashumi amathathu (30 days) yokunikezela izimvo nge Draft BA Reports zezi projekthi. Elithuba livulwe nge **11 EyeKhala (July) liphele 11 EyeThupha (August) 2022**. iDraft BA Reports zifumaneka apha <https://www.csir.co.za/environmental-impact-assessment>

Izicelo ezibhaliweyo zokubhalisa njenge I&AP kwaye unikezele ngezimvo kwiprojekthi zithunyelwa ku Dhiveshni Moodley we CSIR; E-mail: [ems@csir.co.za](mailto:ems@csir.co.za); Postal Address: P.O. Box 320, Stellenbosch, 7599; Tel: 074 890 0103. CSIR Project Ref: Kwagga EGI. Ubhale igama lakho, iinkukacha zakho zoqhagamshelwano. Imbalelwano yeshesha elizayo kulenkqubo ye S&EIA zizo thunyelwa kwaba bhalisileyo nje ngamaqela achaphazelekayo nanomdla (I&APs).



Teaching lives through innovation





### E.5: STAKEHOLDER DATABASE

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
<b>ORGANS OF STATE</b>							
1.	Olivia	Mmatlala	Department of Forestry, Fisheries and Environment - Directorate: Integrated Environmental Authorisations	✓		✓	
2.	Chantal	Engelbrecht	Department of Forestry, Fisheries and the Environment: IQ	✓	✓		
3.	Azrah	Essop	Department of Forestry, Fisheries and Environment - Directorate: Integrated Environmental Authorisations	✓		✓	
4.	Sindiswa	Dlomo	Department of Forestry, Fisheries and the Environment: Integrated Environmental Authorisations	✓		✓	
5.	Constance	Musemburi	Department of Forestry, Fisheries and the Environment: Integrated Environmental Authorisations	✓			
6.	Pamela	Kershaw	Department of Forestry, Fisheries and the Environment: Biodiversity and Conservation Directorate	✓		✓	
7.	Mukondi	Masithi	Department of Forestry, Fisheries and the Environment: Biodiversity and Conservation Directorate	✓		✓	
8.	Stanley	Tshitwamulomoni	Department of Forestry, Fisheries and the Environment: Biodiversity and Conservation Directorate	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
9.	Olivia	Mmatlala	Department of Forestry, Fisheries and Environment - Directorate: Integrated Environmental Authorisations	✓		✓	
10.	Booi	Thando	Department of Forestry, Fisheries and Environment - Directorate: Integrated Environmental Authorisations	✓		✓	
11.	Shubane	Mahlatse	Department of Forestry, Fisheries and Environment - Directorate: Integrated Environmental Authorisations	✓		✓	
12.	Rabothata	Mmatlala	Department of Forestry, Fisheries and Environment - Directorate: Integrated Environmental Authorisations	✓		✓	
13.	Chantel	Schwartz	National Department of Water and Sanitation	✓		✓	
14.	Julliet	Mahlangu	Department of Forestry, Fisheries and the Environment: Integrated Environmental Authorisations (Project Case Officer)	✓		✓	
15.	Nyiko	Nkosi	Department of Forestry, Fisheries and the Environment: Integrated Environmental Authorisations (Project Case Officer)	✓		✓	
16.	Gavin	Benjamin	Western Cape Department of Environmental Affairs and Development Planning (DEA&DP)	✓		✓	
17.	Jessica	Christie	Western Cape DEA&DP, Directorate: Development Management (Region 3)	✓		✓	
18.	Adri	La Meyer	Western Cape DEA&DP	✓		✓	
19.	Tania	De Waal	DEA&DP: Spatial Planning	✓		✓	
20.	Raudhiyah	Dien	DEA&DP: Spatial Planning	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
21.	Marbe	Coetzee	Western Cape DEA&DP	✓		✓	
22.	Andrea	Thomas	Western Cape DEA&DP	✓		✓	
23.	Deano	Wevers	Western Cape DEA&DP	✓		✓	
24.	Keshni	Rughoobeer	Western Cape DEA&DP, Directorate: Development Facilitation	✓		✓	
25.	Nabeelah	Achmat	Western Cape DEA&DP, Directorate: Pollution and Chemicals Management	✓		✓	
26.	Etienne	Roux	Western Cape DEA&DP, Directorate: Waste Management	✓		✓	
27.	Hadjira	Peinke	Western Cape DEA&DP, Directorate: Waste Management	✓		✓	
28.	Muneeb	Baderoon	Western Cape DEA&DP, Directorate: Waste Management	✓		✓	
29.	Deon	Stoltz	Western Cape DEA&DP, Directorate: Air Quality Management	✓		✓	
30.	Mpendulo	Dlamini	Western Cape DEA&DP, Directorate: Air Quality Management	✓		✓	
31.	Ryan	Apolles	Western Cape DEA&DP, Directorate: Development Facilitation	✓		✓	
32.	Mashudu	Kgaphola	National Department of Water and Sanitation	✓	✓	✓	✓
33.	Rashid	Khan	Department of Water and Sanitation (Western Cape)	✓	✓	✓	✓
34.	Melissa	Lintnaar-Strauss	Department of Water and Sanitation (Western Cape)	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
35.	Karl	Naude	Director PA Policy and Management Effectiveness	✓		✓	
36.	Rofhiwa	Magodi	DFFE Directorate: Protected Areas Planning and Management Effectiveness	✓		✓	
37.	Thivhulawi	Nethononda	DFFE Directorate: Protected Areas Planning and Management Effectiveness	✓		✓	
38.	Seoka	Lekota	DFFE Directorate: Biodiversity Conservation	✓		✓	
39.	Portia	Makitla	DFFE Directorate: Biodiversity Conservation	✓		✓	
40.	Aulicia	Maifo	DFFE Directorate: Biodiversity Conservation	✓		✓	
41.	Mary Jean	Gabriel	Department of Agriculture, Forestry and Fisheries	✓		✓	
42.	Anneliza	Collet	Department of Agriculture, Forestry and Fisheries	✓		✓	
43.	Andile	Hawes	Department of Agriculture, Forestry and Fisheries	✓		✓	
44.	Mashudu	Marubin	Department of Agriculture, Forestry and Fisheries	✓	✓	✓	✓
45.	Jacoline	Mans	Department of Agriculture, Forestry and Fisheries	✓	✓	✓	✓
46.	Thandeka	Gwala	Department of Agriculture, Forestry and Fisheries - Assistant Director: Forestry Regulations and Support Directorate: Forestry Management Other Regions (Western Cape)	✓	✓	✓	✓
47.	Masithandaze	Falitenjwa	Department of Agriculture, Forestry and Fisheries (DAFF)	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
48.	Thando	Ndudula	Department of Agriculture, Forestry and Fisheries (DAFF)	✓		✓	
49.	Thoko	Buthelezi	Department of Agriculture, Forestry and Fisheries: AgriLand Liaison office	✓		✓	
50.	Melanie	Koen	DFFE: Forestry Regulations & Support	✓		✓	
51.	NFA western Cape		DFFE: Forestry Regulations & Support	✓			✓
52.	Cor	van der Walt	Western Cape Department of Agriculture	✓		✓	
53.	Paul	Herselman	Western Cape Department of Agriculture	✓		✓	
54.	Phyllis	Pienaar	Western Cape Department of Agriculture	✓		✓	
55.	Ndzilili	Mandla	Ministry of Environment and Nature Conservation	✓	✓	✓	✓
56.	Mpho	Mabaso	Department of Energy (DoE): Director: Renewable Energies				
57.	Solly	Fourie	Western Cape Department of Economic Development and Tourism: Head of Department	✓		✓	
58.	The Director General	The Director General	National Department of Economic Development	✓		✓	
59.	Lerato	Mokgwatheng	Eskom Holdings Limited - Senior Environmental Advisor Grid Planning & Development: Land and Rights Department Transmission Division	✓	✓	✓	✓

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
60.	John	Geeringh	Senior Consultant Environmental Management: Eskom GC: Land Development & EIA Review	✓	✓	✓	✓
61.	Phindile	Dlamini	Eskom Holdings Limited	✓		✓	
62.	Danie	Bloem	Eskom Holdings Limited	✓		✓	
63.	Pierre	Snyman	Eskom Holdings Limited	✓		✓	
64.	Rodger	Peense	Eskom Holdings Limited	✓		✓	
65.	Tiny	Salaze	Eskom Holdings Limited	✓		✓	
66.	Adrian	Adrian Francis	Eskom Holdings Limited	✓		✓	
67.	Mamokete	Mafumo	Eskom Transmission Land Development, Senior Environmental Advisor	✓	✓	✓	✓
68.	Luchen	Reddy	Eskom Holdings Limited (Liaison to Department of Science and Technology)	✓		✓	
69.	John	Geeringh	Senior Consultant Environmental Management: Eskom GC: Land Development & EIA Review	✓	✓	✓	✓
70.	Owen	Peters	Eskom Holdings Limited: Land and Development	✓		✓	
71.	Elroy	Saaynan	Eskom Holdings Limited		✓		✓
72.	Andrea	Van Gensen	Eskom Holdings Limited	✓		✓	
73.	Justine	Wyngaardt	Eskom Holdings Limited: Distribution - Western Operating Unit	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
74.	Ambrose	Hector	Eskom Holdings Limited: Kappa / Brandkop	✓		✓	
75.	Andre	Crous	Eskom Holdings Limited: Telecommunications	✓		✓	
76.	Fanie	Berg	Eskom Holdings Limited: Senior Engineer	✓	✓	✓	✓
77.	Krishna	Naidoo	Eskom Holdings Limited				
78.	Christo	Badenhorst	Eskom: Line Engineering	✓		✓	
79.	Kgauta	Mokoena	Director: Mine Environmental Research and Sustainable Development	✓		✓	
80.	Dudzile	Kunene	Western Cape Department of Mineral Resources: Regional Manager	✓		✓	
81.	Jacob	Dikgang	Department of Transport	✓		✓	
82.	Ben	Welman	Western Cape Department of Transport and Public Works				
83.	Jacqui	Gooch	Western Cape Department of Transport and Public Works: Strategy, Planning and Co-ordination	✓		✓	
84.	Wendy	Kiva	Western Cape Department of Transport and Public Works	✓		✓	
85.	Schalk	Carstens	Western Cape Department of Transport and Public Works	✓		✓	
86.	Grace	Swanepoel	Western Cape Department of Transport and Public Works	✓		✓	
87.	Lyle	Martin	Western Cape Government: Transport and Public Works - Roads				

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
88.	Kate	Richardson	South African Bat Assessment Association: Chairperson	✓		✓	
89.	Caroline	Lötter	South African Bat Assessment Association: Secretary	✓		✓	
90.	Andrew	September	Heritage Western Cape		✓		✓
91.	Colette	Scheermeyer	Heritage Western Cape	✓		✓	
92.	Zwelibanzi	Shiceka	Heritage Western Cape (Assistant Director)	✓		✓	
93.	Ceo Heritage Western Cape		Heritage Western Cape	✓		✓	
94.	Stephanie-Anne	Barnardt	Heritage Western Cape: Heritage Officer (Archaeologist) - Heritage Resource Management Services	✓		✓	
95.	Waseefa	Dhansay	Heritage Western Cape: Assistant Director: Professional Services, Heritage Resource Management Services	✓		✓	
96.	General SAHRA		South African Heritage Resource Agency	✓		✓	
97.	Nokukhanya	Khumalo	South African Heritage Resource Agency	✓		✓	
98.	Ragna	Redelstorff	South African Heritage Resource Agency	✓		✓	
99.	Natasha	Higgit	South African Heritage Resource Agency	✓	✓	✓	✓
100.	Lucius	Moolman	South African National Parks: Manager: Karoo NP & SKA core protected area	✓		✓	



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
101.	Howard	Hendricks	South African National Parks: Snr GM: Policy & Governance Conservation Services Division	✓		✓	
102.	Helga	van der Merwe	SAEON Arid Lands Node	✓		✓	
103.	Lucky	Legodi	Department of Rural Development and Land Reform	✓		✓	
104.	Gerhard	De Bruin	Department of Rural Development and Land Reform	✓		✓	
105.	Chantal	Harigobin	South African Local Government Association: Western Cape	✓		✓	
106.	Herman	Coetzee	Transnet: Radio Communication Department	✓	✓	✓	✓
107.	Devon	Govender	Department of Cape Town	✓	✓	✓	✓
108.	Nicole	Abrahams	South African National Roads Agency SOC Ltd: Environmental coordinator	✓		✓	
109.	Colene	Runkel	South African National Roads Agency SOC Ltd: Northern Cape-Western region	✓		✓	
110.	Gawie	Bestbier	Civil Aviation Authority	✓		✓	
111.	Lizell	Stroh	Civil Aviation Authority	✓		✓	
112.	Chinga	Mazhetese	Civil Aviation Authority	✓		✓	
113.	Simpfiwe	Masilela	Civil Aviation Authority: Inspector: Obstacles Procedure Design & Cartography	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
114.	Shehaam	Brinkhuis	Western Cape DEA&DP, Directorate: Pollution and Chemicals Management			✓	
115.	Gunther	Frantz	Western Cape DEA&DP, Directorate: Pollution and Chemicals Management			✓	
116.	Thorston	Aab	Western Cape DEA&DP, Directorate: Waste Management			✓	
<b>MUNICIPAL AUTHORITIES</b>							
117.	Johannes	Jonkers	Central Karoo District Municipality: Corporate and Strategic Services Director	✓		✓	
118.	Andre	Koopman	Central Karoo District Municipality: Senior Manager- Roads Infrastructure Services	✓		✓	
119.	Barbra	Koopman	Central Karoo District Municipality: Strategic Services Manager	✓		✓	
120.	Gerrit	van Zyl	Central Karoo District Municipality: Municipal Environmental Health Manager	✓		✓	
121.	Administration		Beaufort West Local Municipality	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
122.	Denwin	van Turha	Beaufort West Local Municipality: Acting Director Infrastructure Services	✓		✓	
123.	Vuyokazi	Ruiters	Beaufort West Local Municipality: Waste Manager	✓		✓	
124.	Kosie	Haarhof	Beaufort West Local Municipality: Municipal Manager	✓		✓	
125.	Quinton	Louw	Beaufort West Local Municipality: Deputy Executive Mayor	✓	✓	✓	✓
126.	October	Haarvoor	Beaufort West Local Municipality (Ward 2 Councillor)	✓	✓	✓	✓
127.	Jacob	van der Linde	Beaufort West Local Municipality (Ward 7 Councillor)	✓			
128.	Simon van der Stel Foundation				✓		✓
129.	Anneleen	Vorster	Prince Albert Local Municipality: Municipal Manager	✓		✓	
130.	Abridon	Sass	Prince Albert Local Municipality: Administrator to the Municipal Manager	✓		✓	
131.	Linda	Jacquet	Prince Albert Local Municipality (Ward 2 Councillor)	✓		✓	

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				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
132.	Prince Albert Cultural Foundation		Prince Albert Cultural Foundation	✓		✓	
133.	Judy	Maguire	Prince Albert Cultural Foundation	✓		✓	
134.	Natie	de Swardt	Prince Albert Cultural Foundation	✓		✓	
<b>GENERAL STAKEHOLDERS</b>							
135.	Tania	Anderson	Birdlife South Africa	✓		✓	
136.	Simon	Gear	Birdlife South Africa	✓		✓	
137.	Samantha	Ralston	Birdlife South Africa (Western Region)	✓	✓	✓	✓
138.	Mona	Lakhani	Endangered Wildlife Trust: Wildlife and Energy Programme	✓		✓	
139.	Mabule	Mokhine	Earthlife Africa	✓		✓	
140.	Constant	Hoogstad	Endangered Wildlife Trust	✓		✓	
141.	Endangered Wildlife Trust		Endangered Wildlife Trust: EIA	✓		✓	
142.	Christy	B.	Endangered Wildlife Trust		✓		✓
143.	Lourens	Leeuwner	Endangered Wildlife Trust: Renewable Energy Project Manager	✓		✓	

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				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
144.	Harriet	Davies-Mostert	Endangered Wildlife Trust	✓		✓	
145.	Morgan	Griffiths	Wildlife and Environmental Society of South Africa: Environmental Governance Programme Manager	✓		✓	
146.	Morne	Du Plessis	World Wide Fund South Africa	✓		✓	
147.	Stephanie	Kot	African Clean Energy Developments (ACED)	✓		✓	
148.	Carl	Opperman	Agri Western Cape	✓		✓	
149.	Japie	Grobler	AgriSA	✓		✓	
150.	Janse	Rabie	AgriSA	✓		✓	
151.	Rebecca	Thomas	Mainstream Renewable energies: Senior Development Manager	✓		✓	
152.	Adre	Taillard	Mainstream Renewable energies (Pty) Ltd	✓		✓	
153.	Shaun	Taylor	Mainstream Renewable energies (Pty) Ltd – Development Executive			✓	
154.	Stephan	Jacobs	SLR Consulting	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
155.	Liandra	Scott-Shaw	SLR Consulting	✓		✓	
156.	Jaco	Nel	AVIC International Flight Training Academy: Safety Manager	✓		✓	
157.	Pikkie	Siebrits	AVIC International Flight Training Academy	✓		✓	
158.	Christo	Stroebe	AVIC International Flight Training Academy			✓	
159.	Johann	Lanz		✓		✓	
160.	Brett	Williams	Safetrain cc T/A Safetech	✓		✓	
161.	Noel	van Rooyen	Ekotrust cc	✓	✓	✓	✓
162.	Menno	Klapwijk	Bapela Cave Klapwijk cc	✓		✓	
163.	Veronique	Fyfe	G7 Renewable Energies (Pty) Ltd	✓		✓	
164.	Caryn	Clark	G7 Renewable Energies (Pty) Ltd			✓	

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				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
165.	Zakiya	Abrahams	WKN Windcurrent SA (Pty) Ltd	✓		✓	
166.	Phillip	De Lange	Air Traffic Navigation Services: Manager of Western and Northern Cape	✓		✓	
167.	Praneel	Ruplal	Independent Communications Authority of South Africa	✓		✓	
168.	Ashleigh	Sibanda	Knowledge Pele, Programme Manager	✓	✓	✓	✓
169.	Johan	Koegelenberg	Sentech Broadcast Coverage Planner: RF Networks. Manager: Measurements and GIS		✓		✓
170.	Frank	Creese	Sentech Inc.:Senior TCC Manager: Operations and Maintenance - Western Region)		✓		✓
171.	Serame	Motlhake	Network Planning Manager	✓		✓	
172.	Alisha	Pretorius	Sentech	✓		✓	
173.	Anne	Flynn	Falcon Oil and Gas Ltd	✓		✓	

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				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
174.	Coert	Smit	BreedeNet: Network Operations Director	✓		✓	
175.	Ferdi	Smit	System Specialist Radar   Technical Services Cape Town International Airport	✓	✓	✓	✓
176.	Danie	Erasmus	SA Police: Police Radio Communications	✓		✓	
177.	Abel	Hanekom	Supervisor Police Radio Communications	✓		✓	
178.	Lt Colonel A.	De Reuck	SA Police: Police Radio Communications	✓		✓	
179.	Department of Defence/ SA Army		Department of Defence/ SA Army	✓		✓	
180.	Department of Defence/ SA Army		Department of Defence/ SA Army	✓		✓	
181.	Colonel Loy	de Jager	Department of Defence/ SA Army	✓	✓	✓	✓
182.	Phillip	De Lange	Manager: Technical Support   Technical Services	✓	✓	✓	✓



No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
			Cape Town International Airport				
183.	Johan	Schoeman	Altech Fleetcall	✓		✓	
184.	Reuben	Maroga	SOLA: Permitting Specialist	✓		✓	
185.	Frans	Swart	Altech Netstar	✓		✓	
186.	Libby	Hirshon	Biotherm Energy	✓		✓	
187.	Vivien	Kiewitz	Cell C Tele Communications	✓		✓	
188.	Brian	Joubert	Cell C Tele Communications	✓		✓	
189.	D.	Ngwenya	Independent Communications Authority of South Africa	✓		✓	
190.	Charles	Van Reenen	MTN – Innovation Centre Engineering	✓		✓	
191.	Renier	Nel	MTN South Africa Tele Communications	✓		✓	

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				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
192.	Pieter	Buys	National Energy Regulator of South Africa (NERSA)				
193.	Sweetness	Maletse	National Energy Regulator of South Africa (NERSA)	✓		✓	
194.	Brian	Dryer	Neotell Tele Communications	✓		✓	
195.	Dr Warren	Joubert	South African Weather Services	✓		✓	
196.	Mlungisi	Ngwenya	South African Weather Services				
197.	Lynne	Hannay	Shell South Africa Exploration (Pty) Ltd	✓		✓	
198.	Administration		South African Weather Services	✓		✓	
199.	Chris	Coetzee	Southern African Large Telescope	✓		✓	
200.	Ferdi	Smit	Southern African Large Telescope	✓		✓	
201.	Adrian	Tiplady	Southern African Large Telescope	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
202.	Thato	Nape	Square Kilometre Array South Africa	✓		✓	
203.	Musa	Baloye	Square Kilometre Array South Africa	✓		✓	
204.	Busang	Sethole	Square Kilometre Array South Africa	✓		✓	
205.	Selaelo	Matlhane	Square Kilometre Array South Africa (SKA)	✓		✓	
206.	Adriana	Chickesh	Sustainable Energy Society of Southern Africa (SESSA)	✓		✓	
207.	Keverne	Thurling	Telkom Tele Communications		✓		✓
208.	Leonard	Shaw	Telkom Tele Communications	✓	✓	✓	✓
209.	Johan	Smit	Telkom Tele Communications (Executive/Senior Specialist Regulatory Affairs)	✓	✓	✓	✓
210.	Craig	Barnes	Vodacom South Africa Tele Communications	✓		✓	

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
211.	Nico	Fourie	Vodacom South Africa Tele Communications	✓		✓	
212.	Danie	Oosthuizen	Vodacom South Africa Tele Communications	✓		✓	
213.	Information		Breede-Gouritz Catchment Management Agency: Information	✓		✓	
214.	Elkerine	Rossouw	Breede-Gouritz Catchment Management Agency	✓		✓	
215.	Makhosi	Mthimkhulu	Breede-Gouritz Catchment Management Agency	✓		✓	
216.	Andiswa	Sam	Breede-Gouritz Catchment Management Agency	✓		✓	
217.	Zama	Mbunquka	Breede-Gouritz Catchment Management Agency	✓		✓	
218.	Noncedo	Lesele	Breede-Gouritz Catchment Management Agency	✓		✓	
219.	Fabion	Smith	Breede-Gouritz Catchment Management Agency	✓	✓	✓	✓
<b>AFFECTED AND ADJACENT LANDOWNERS</b>							
220.	Ignatius Bekker Trust		Landowner	✓	✓	✓	✓

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
	(represented by Rothner Bekker)						
221.	Ignatius Bekker Trust (represented by Rothner Bekker)		Landowner	✓	✓	✓	✓
222.	Bernardus	Nigrini	Landowner	✓	✓	✓	✓
223.	Lotini Trust (represented by HJ van Daalen)		Landowner	✓	✓	✓	✓
224.	Ghaties Snyman Familietrust (represented by Ghaties Snyman)		Landowner	✓	✓	✓	✓
225.	Millennium Trust (represented by Dirk Lamprecht)		Landowner	✓	✓	✓	✓
226.	PSP Timber Ind (Pty) Ltd (represented by Constant de Waal)		Landowner	✓	✓	✓	✓
227.	Kevin	van Wyk	Landowner	✓	✓	✓	
228.	Willie	Barnard	Adjacent Landowner		✓		✓
229.	Jordi	van Hasselt	Adjacent Landowner		✓		✓

No.	First Name	Surname	Company/ Organisation / Department	Notice of Release of Draft BA Reports for comment		Notice of Submission of Final BA Reports to the DFFE	
				Email 1 (Letter 1)	SMS 1	Email 2 (Letter 1)	SMS 2
230.	Fanus	Maree	Adjacent Landowner		✓		✓
231.	Francois	Potgieter	Adjacent Landowner		✓		✓
232.	Lodewyk	Strydom	Adjacent Landowner		✓		✓
233.	Willem	Fourie	Adjacent Landowner			✓	✓

## E.6: PROOF OF SUBMISSION OF THE NOTIFICATION OF INTENT TO DEVELOP (NID) TO HERITAGE WESTERN CAPE (HWC)



Page 1 of 9

### APPLICATION FORM NOTIFICATION OF INTENT TO DEVELOP (NID) SECTION 38 (1) AND SECTION 38 (8)

**Heritage Western Cape Reference No:**  
To be completed by the applicant

22050907

Completion of this form is required by Heritage Western Cape for the initiation of all impact assessment processes under Section 38 (1) & (8) of the National Heritage Resources Act (NHRA)

*As per Section 38 (1) (e) of the NHRA, submission of the NID must be initiated at the earliest stage of development. Should the development trigger any other legislation, practitioners may submit the NID without formal submission to other statutory bodies in order to comply with the NHRA.*

*This form is to be read in conjunction with the HWC Notification of Intent to Develop, Heritage Impact Assessment, (Pre-Application) Basic Assessment Reports, Scoping Reports and Environmental Impact Assessments, Guidelines for Submission to HWC*

Whilst it is not a requirement, it may expedite processes and in particular avoid calls for additional information if certain of the information required in this form is provided by a heritage specialist/s with the necessary qualifications, skills and experience. All sections of the form must be completed in order to deem the application to be complete.

Making an incorrect statement or providing incorrect information may result in all or part of the application having to be reconsidered by HWC in the future, or submission of a new application.

The following information is to be included upon submission to HWC:

1. Proof of payment with correct reference number
2. Completed and signed application form – the application form must be completed in full in order to be considered
3. Power of Attorney
4. Locality Map
5. Images of the site and its context
6. Additional information pertaining to the heritage of the site

Application and associated documentation to be emailed to [ceoheritage@westerncape.gov.za](mailto:ceoheritage@westerncape.gov.za)

#### A. APPLICABILITY OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (NEMA)

Department of Environmental Affairs Development Planning (Western Cape); Department of Mineral Resources (National); Department of Environmental Affairs (National);  
Reference Number (if applicable):

Please tick the applicable section:

This application is made in terms of Section 38(8) of the NHRA and an application under NEMA has been made to the following authority: National Department of Forestry, Fisheries and the Environment (DFFE)

This development will not require a NEMA application.

**B. BASIC DETAILS**

**PROPERTY DETAILS:**

Name of property:	
Street address or location (eg: off R44): Of N12 and local gravel roads	
Erf or farm number/s: Please see attached list.	Coordinates: S 32° 56' 00" E 22° 40' 00" (A logical centre point. Format based on WGS84.)
Town or District: Beaufort West and Prince Albert Magisterial Districts	Municipality: Beaufort West and Prince Albert
Extent of property: Please see attached list.	Current use: Agriculture (livestock grazing)
Predominant land use/s of surrounding properties: Agriculture (livestock grazing)	

**REGISTERED OWNER OF PROPERTY:**

Name and Surname: Please see attached consent letters and ownership details.		
Address:		
Telephone:	Cell:	E-mail:
APPLICANT/ AUTHORISED AGENT:		
Name and Surname: Robert Invernizzi		
Address: Unit B1, Mayfair Square, Century Way, Century City, Cape Town 7441		
Telephone: 021 180 3672	Cell: 073 265 8575	E-mail: Rob.Invernizzi@abo-wind.com
<p>By the submission of this form and all material submitted in support of this notification (ie: 'the material'), all applicant parties acknowledge that they are aware that the material and/or parts thereof will be put to the following uses and consent to such use being made: filing as a public record; presentations to committees, etc; inclusion in databases; inclusion on and downloading from websites; distribution to committee members and other stakeholders and any other use required in terms of powers, functions, duties and responsibilities allocated to Heritage Western Cape under the terms of the National Heritage Resources Act. Should restrictions on such use apply or if it is not possible to copy or lift information from any part of the digital version of the material, the material will be returned unprocessed. All sections of the form have been completed.</p>		


Signature of Owner:

Date:

Should the owner not be able to sign, the applicants/ agents must attach copy of power of attorney to this form.

Signature of Applicant/ Authorised Agent:

Date:



10/5/2022

Applicants/ agents must attach copy of power of attorney to this form.



**C. DEVELOPMENT DETAILS:**

Please indicate below which of the following Sections of the National Heritage Resources Act, or other legislation has triggered the need for notification of intent to develop.	
<input type="checkbox"/>	S38(1)(a) Construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier over 300m in length.
<input type="checkbox"/>	S38(1)(b) Construction of a bridge or similar structure exceeding 50m in length.
<input type="checkbox"/>	S38(1)(d) Rezoning of a site exceeding 10 000m <sup>2</sup> in extent.
<input checked="" type="checkbox"/>	<p>Other triggers, eg: in terms of other legislation, (ie: National Environment Management Act, etc.) Please set out details:</p> <p><b>Under NEMA and the 2014 EIA Regulations (as amended), the project requires a Basic Assessment process.</b></p>
	S38(1)(c) Any development or activity that will change the character of a site -
	<input type="checkbox"/> (i) exceeding 5 000m <sup>2</sup> in extent;
	<input type="checkbox"/> (ii) involving three or more existing erven or subdivisions thereof;
	<input type="checkbox"/> (iii) involving three or more erven or divisions thereof which have been consolidated within the past five years.
	If you have checked any of the three boxes above, describe how the proposed development will change the character of the site:
<p>If an impact assessment process has also been / will be initiated in terms of other legislation please provide the following information:</p> <p>Authority / government department (ie: consenting authority) to which information has been /will be submitted for final decision: <b>National Department of Forestry, Fisheries and the Environment (DFFE)</b></p> <p>Present phase at which the process with that authority stands: <b>Pre-application</b></p>	
<p>Provide a <b>full</b> description of the nature and extent of the proposed development or activity including its potential impacts:</p> <p>ABO Wind renewable energies (Pty) Ltd ("the Developer") is proposing the construction of seven 132 kV overhead transmission powerlines in support of the proposed Kwagga Wind Energy Facility (WEF) 1 (DFFE Ref: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Ref: 14-12-16-3-3-2-2071) and Kwagga WEF 3 (DFFE Ref: 14-12-16-3-3-2-2072), near Beaufort West in the Western Cape. The DFFE has granted Environmental Authorisation (EA)</p>	

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for the proposed Kwagga WEF 1, Kwagga WEF 2 and Kwagga WEF 3 on 7 April 2022.

The seven proposed 132 kV overhead transmission powerlines will facilitate the connection of the proposed Kwagga WEFs 1-3 to the national grid via the proposed Eskom 132 kV Switching Substation (DFFE Ref: 14-12-16-3-3-1-2464) and the proposed Beaufort West 132 kV-400 kV Linking Station (DFFE Ref: 14-12-16-3-3-2-925-1).

It is understood that the proposed Eskom 132 kV Switching Substation and the proposed Beaufort West 132 kV-400 kV Linking Station (DFFE Ref: 14-12-16-3-3-2-925-1) will be constructed by South Africa Mainstream Renewable Power Developments (Pty) Ltd ("Mainstream") in support of their Beaufort West WEF (DFFE Ref: 12-12-20-1784-1-AM2) and the Trakas WEF (DFFE Ref: 12-12-20-1784-2-AM2) that are to be located on land directly adjacent to the proposed Kwagga WEFs 1-3. ABO Wind has signed a servitude agreement and relevant powers of attorney with the landowner of the relevant Beaufort West and Trakas WEFs affected land portions and obtained agreement with Mainstream to facilitate the connection of the proposed Kwagga WEFs 1-3 via 132 kV overhead powerlines, via the aforementioned Eskom Switching Substation and the Beaufort West 132 kV-400 kV Linking Station, to the existing Droërvier-Proteus 400 kV overhead powerline that runs parallel to the N12 in a north-south direction.

The proposed EGI projects will comprise of the following:

Overhead Transmission Powerlines

- Line capacity: Up to 132 kV
- Line/pylon height: Up to 30 m
- Pylon type: Monopole
- The registered servitude for each of the seven proposed 132 kV overhead transmission powerlines will be up to 50 m wide, or where multiple adjacent powerlines occur. Note that the entire servitude will not be cleared of vegetation. Vegetation clearance within the servitude will be undertaken in compliance with relevant standards and specifications as per the Eskom Distribution Guide Part 19: Building Line Restrictions, Servitude Widths, Line Separations and Clearances from Power Lines (2011):
  - ✓ Voltage – 132 kV
  - ✓ Building restriction on each side of centre line – 18 metres (15.5 - 20)
  - ✓ Separation distance between parallel lines – 15 metres (21 - 24)

Associated Electrical Infrastructure

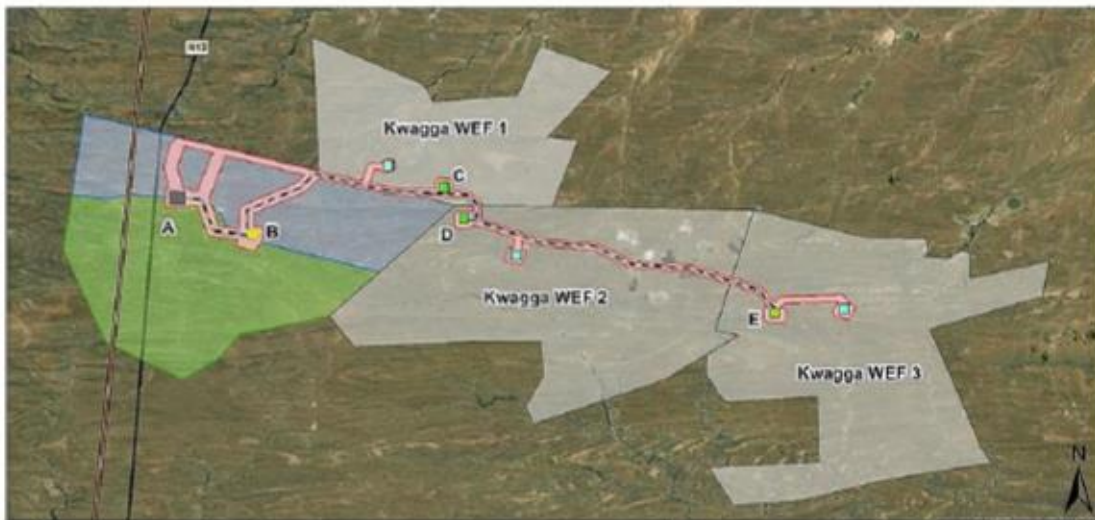
This will include but is not limited to feeder bays, busbars, new transformer bays (up to 500 MVA) and possible extension to the existing footprint at the proposed Eskom 132 kV Switching Substation. The following substations are relevant to these BA projects:

- Proposed Eskom 132 kV Switching Station (Footprint: approximately 17 ha)
- Proposed Beaufort West 132 kV- 400 kV Linking Station (Footprint: approximately 35 ha)
- Proposed Kwagga WEF 1
  - Preferred substation (Footprint: approximately 5.21 ha)
  - Alternative substation (Footprint: approximately 7.59 ha)
- Proposed Kwagga WEF 2
  - Preferred substation (Footprint: approximately 18.5 ha)
  - Alternative substation (Footprint: approximately 11.7 ha)
- Proposed Kwagga WEF 3
  - Preferred substation (Footprint: approximately 17 ha)
  - Alternative substation (Footprint: approximately 17.7 ha)

The powerlines will be constructed on a single set of pylons and will thus appear visually as a single long powerline with multiple cables on it. However, for project-specific requirements, the line needs to be broken into seven sections, each of which must be authorised separately. These are as follows:

C to B	From Kwagga WEF 1 to the proposed Eskom 132 kV Substation (SS) - 9 km
D to B via C	From Kwagga WEF 2 to the proposed Eskom 132 kV SS - 12 km
E to B via C and D	From Kwagga WEF 3 to the proposed Eskom 132 kV SS - 25 km

D to C	From Kwagga WEF 2 to Kwagga WEF 1 - 3 km
E to C via D	From Kwagga WEF 3 to Kwagga WEF 1 - 16 km
E to D	From Kwagga WEF 3 to Kwagga WEF 2 - 13 km
B to A	From the proposed Eskom 132 kV SS to the proposed Beaufort West 132 kV-400 kV Linking Station - 3 km



The construction period is expected to be 12 to 18 months.

These EGI projects do not fall within a Renewable Energy Development Zone (REDZ) or a Strategic Transmission Powerline Corridor.

Estimated value cost of the project in South African Rands: R \_\_\_\_\_

#### D. ANTICIPATED IMPACTS ON HERITAGE RESOURCES

Section 3 of the National Heritage Resources Act sets out the following categories of heritage resource as forming part of the national estate. Please indicate the known presence of any of these by checking the box alongside and then providing a description of each occurrence, including nature, location, size, type

Failure to provide sufficient detail or to anticipate the likely presence of heritage resources on the site may lead to a request for more detailed specialist information.

Provide a short history of the site and its environs (Include sources where available):

The site is in the southern Karoo region and has long been used for agriculture (largely small stock grazing). Historical occupation has left surprisingly few stone and mud-brick structures and ruins, but some vernacular farm buildings do occur. The farms were largely surveyed and granted in the late 19<sup>th</sup> century. Prior to this, precolonial people would have made use of the Karoo landscape, but

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<p>previous surveys on these properties have shown that the vast majority of finds appear to be relatively recent, likely dating to the later part of the Holocene.</p>	
<p>Please indicate which heritage resources exist on the site and in its environs, describe them and indicate the nature of any impact upon them:</p>	
X	<p><b>Places, buildings, structures and equipment of cultural significance</b></p> <p>Description of resource: Historical buildings do occur sporadically on the landscape, but none are known, or visible on aerial photography, within the project corridors. All known structures are clustered within farm complexes that have been avoided by the proposed corridors.</p> <p>Description of impact on heritage resource: No impacts expected.</p>
<input type="checkbox"/>	<p><b>Places to which oral traditions are attached or which are associated with living heritage</b></p> <p>Description of resource: n/a</p> <p>Description of impact on heritage resource: n/a</p>
<input type="checkbox"/>	<p><b>Historical settlements and townscapes</b></p> <p>Description of resource: n/a</p> <p>Description of impact on heritage resource: n/a</p>
X	<p><b>Landscapes and natural features of cultural significance</b></p> <p>Description of resource: The broader Karoo landscape has aesthetic significance but, although located just southeast of a REDZ and a Strategic Transmission Powerline Corridor, several wind farms have been approved in the area. Two of these – at the western end of the study area adjacent to the N12 – are scheduled to commence construction imminently.</p> <p>Description of impact on heritage resource: Although the powerline would increase the amount of visual clutter in the landscape, this would be seen against at least three wind farms, since two are about to be built while the project would not proceed unless one of the three Kwagga wind farms (already approved by HWC) was also approved for construction. As such, the landscape impacts are considered to be minimal.</p>
<input type="checkbox"/>	<p><b>Geological resources of scientific or cultural importance</b></p> <p>Description of resource: n/a</p> <p>Description of impact on heritage resource: n/a</p>
X	<p><b>Archaeological resources (Including archaeological sites and material, rock art, battlefields &amp; wrecks):</b></p> <p>Description of resource: Surveys for the three Kwagga wind farms as well as those for the Beaufort West and Trakas wind farms about to be constructed showed that some significant archaeological sites occurred along riverbanks. These were Later Stone Age (LSA) scatters where people were living during the late Holocene. Elsewhere, Stone Age archaeological sites were largely associated with heuweltjies and consisted of ephemeral to light scatters of stone artefacts and occasional ostrich eggshell fragments. The vast majority of these were far too low density to be academically meaningful. Curiously, the density of these heuweltjie sites dropped off dramatically towards the southwestern part of the broader study area. Six such sites have</p>

Heritage Western Cape Section 38 Application Form \_ February 2021

	<p>been mapped within the proposed corridors, but all of them were graded NCW during the wind farm assessments. One ESA scatter is known from the eastern part of the study area. It lies atop a ridge far away from the study area.</p> <p>Description of impact on heritage resource: Impacts to low significance archaeological resources are expected where the powerline impacts heuweltjies. However, based on existing data, no highly significant sites are expected on the heuweltjies. A pre-construction survey of the final alignment within the corridor will be able to identify any sites that need further attention.</p>
X	<p><b>Palaeontological resources (ie: fossils):</b></p> <p>Description of resource: The Karoo Basin sediments are well-known for their fossil content and the SAHRIS Palaeosensitivity map shows the entire study area being provisionally of Very High sensitivity (Lower Beaufort Group bedrocks) but that extensive field experience shows that fossil sites of scientific and conservation importance in region tend to be rare and can only be picked up by field surveying but can almost invariably be mitigated in the pre-construction phase, if necessary. Best approach is therefore to conduct a pre-construction survey of selected, potentially sensitive sectors of corridor once this has been selected based on other constraints.</p> <p>Description of impact on heritage resource: There is a strong likelihood that fossil resources could be affected by the proposed development.</p>
X	<p><b>Graves and burial grounds (eg: ancestral graves, graves of victims of conflict, historical graves &amp; cemeteries):</b></p> <p>Description of Resource: Some graves are known from the broader study area, but they are generally located close to farmsteads. However, some were located away from houses with the nearest to the proposed EGI project corridors being 1 km distant.</p> <p>Description of Impact on Heritage Resource: It is possible that isolated graves could occur within the corridors but because the EGI project corridors avoid farmsteads, the chances are fairly low.</p>
X	<p><b>Other human remains:</b></p> <p>Description of resource: Unmarked human burials could be present, although in this generally rocky environment burials are normally placed along riverbanks which means the chances of such graves being intersected are extremely low.</p> <p>Description of impact on heritage resource: No impacts are expected.</p>
<input type="checkbox"/>	<p><b>Sites of significance relating to the history of slavery in South Africa:</b></p> <p>Description of resource: n/a</p> <p>Description of impact on heritage resource: n/a</p>
<input type="checkbox"/>	<p><b>Other heritage resources:</b></p> <p>Description of resource: n/a</p> <p>Description of impact on heritage resource: n/a</p>

**Describe elements in the environs of the site that could be deemed to be heritage resources:  
Description of impacts on heritage resources in the environs of the site:**

As above

**Summary of anticipated impacts on heritage resources:**

The primary concerns for this EGI project are impacts to archaeology and palaeontology. Because plenty of survey has been carried out in the area already there is a very good understanding of the area's heritage. A corridor approach is being taken which means that a pre-construction survey will be able to identify any specific points that should be avoided or mitigated prior to construction. For this reason, a desktop archaeological study is proposed as part of the HIA.

Although fossils are seldom seen at the surface, a palaeontological study will also be needed due to the high likelihood of fossils being found during development. Once more, a desktop study is appropriate based on the wealth of existing information and will recommend that a pre-construction survey of any potentially sensitive areas be undertaken once an alignment has been generated during the pre-construction phase.

The landscape is of very limited concern because several wind farms have already been approved in this area with two about to be constructed. Also, the project will not proceed if one or more of the Kwagga wind farm projects do not go ahead. As such, no further detailed studies of the landscape or visual impacts are considered necessary.

**E. ILLUSTRATIVE MATERIAL:**

Attach to this form a minimum A4 sized locality plan showing the boundaries of the area affected by the proposed development, its environs, property boundaries and a scale. The plan must be of a scale and size that is appropriate to creating a clear understanding of the development.

Attach also other relevant graphic material such as maps, site plans, satellite photographs and photographs of the site and the heritage resources on it and in its environs. These are essential to the processing of this notification.

Please provide all graphic material on paper of appropriate size and on CD/ USB in JPEG format. It is essential that graphic material be annotated via titles on the photographs, map names and numbers, names of files and/or provision of a numbered list describing what is visible in each image.

**F. RECOMMENDATION**

In your opinion do you believe that a heritage impact assessment is required?  Yes  No

Recommendation made by:

Name: Dr Jayson Orton

Capacity: Archaeologist and heritage consultant

**PLEASE NOTE:** No Heritage Impact Assessment should be submitted with this form or conducted until Heritage Western Cape has expressed its opinion on the need for such and the nature thereof.

**G. INFORMATION TO BE PROVIDED AND STUDIES TO BE CONDUCTED AS PART OF THE HERITAGE IMPACT ASSESSMENT (HIA)**

If it is recommended that an HIA is required, please complete this section of the form.

**DETAILS OF STUDIES TO BE CONDUCTED IN THE INTENDED HIA**

In addition to the requirements set out in Section 38(3) of the NHRA, indicate envisaged studies:

<input type="checkbox"/>	Heritage resource-related guidelines and policies.
<input type="checkbox"/>	Local authority planning and other laws and policies.
<input type="checkbox"/>	Details of parties, communities, etc. to be consulted.
<input checked="" type="checkbox"/>	Specialist studies, eg: archaeology, palaeontology, architecture, townscape, visual impact, etc. Provide details: archaeology desktop, palaeontology desktop
<input type="checkbox"/>	Other. Provide details:

**PLEASE NOTE:** Any further studies which Heritage Western Cape requires should be submitted must be in the form of a single, consolidated report with a single set of recommendations. Specialist studies must be incorporated in full, either as chapters of the report, or as annexures thereto. Please refer to the *Guidelines for Heritage Impact Assessments required in terms of Section 38 of the National Heritage Resources Act (Act 25 of 1999)*

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**From:** jayson@asha-consulting.co.za <jayson@asha-consulting.co.za>  
**Sent:** Wednesday, 18 May 2022 22:27  
**To:** Ceoheritage <Ceoheritage@westerncape.gov.za>  
**Cc:** Lizande Kellerman <LKellerman@csir.co.za>  
**Subject:** EMAIL 1 - NEW APPLICATION: NID, various farms, Beaufort West and Prince Albert

Hi

Please find attached a NID application for seven powerlines across various farms. It is 7 projects but all being built together and all assessed in a single NID.

There are 8 attachments here and I will send a further 4 in a second email.

thanks  
Jayson

Dr Jayson Orton  
[www.asha-consulting.co.za](http://www.asha-consulting.co.za)  
23 Dover Road, Muizenberg, 7945  
021 788 1025 | 083 272 3225



## E.7: ACKNOWLEDGMENT OF RECEIPT OF THE NOTIFICATION OF INTENT TO DEVELOPMENT (NID) TO HERITAGE WESTERN CAPE (HWC)

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From: Ceoheritage <Ceoheritage@westerncape.gov.za>

Sent: Saturday, 21 May 2022 16:35

To: jayson@asha-consulting.co.za

Cc: Lizande Kellerman <LKellerman@csir.co.za>

Subject: Re: EMAIL 2 - NEW APPLICATION: NID, various farms, Beaufort West and Prince Albert

You don't often get email from [ceoheritage@westerncape.gov.za](mailto:ceoheritage@westerncape.gov.za). [Learn why this is important](#)

Dear Applicant

Apologies for the delay in acknowledgement of receipt.

I acknowledge receipt of your Sec 38 NID application submitted for various farms, Beaufort West and Prince Albert received on 19 May 2022

**Please note, the above is an initial assessment as per the application guideline of documentation required. Once your application is assigned, the relevant Case Officer will confirm assignment of application and if there are any further requirements**

Ameerah Peters  
Personal Assistant to

Chief Executive Officer

Heritage Western Cape

Western Cape Government

3<sup>rd</sup> Floor, Protea Assurance Building Greenmarket Square, Cape Town

Tel: 021 483 9598

Cell: 074 997 6627

Email: [Ameerah.Peters@westerncape.gov.za](mailto:Ameerah.Peters@westerncape.gov.za)

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**From:** Stephanie Barnardt <[Stephanie.Barnardt@westerncape.gov.za](mailto:Stephanie.Barnardt@westerncape.gov.za)>  
**Sent:** Tuesday, 14 June 2022 15:36  
**To:** Rob Invernizzi <[Rob.Invernizzi@abo-wind.com](mailto:Rob.Invernizzi@abo-wind.com)>  
**Subject:** HM / CENTRAL KAROO/ BEAUFORT WEST / KWAGGA – VARIOUS FARMS  
**Importance:** High

Good day Applicant

Thank you for your submission to HWC regards to the above application.

Please see attached response for your records.

Any further questions, please reply to this email.

**Kind regards,**

**Stephanie-Anne Barnardt-Delport**  
**Heritage Officer (Archaeologist)**  
**Heritage Western Cape**

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PAGE 1 OF 2

**Our Ref:** HM / CENTRAL KAROO/ BEAUFORT WEST / KWAGGA – VARIOUS FARMS  
**Case No.:** 20220518S80519E  
**Enquiries:** Stephanie Barnardt  
**E-mail:** Stephanie.Barnardt@westerncape.gov.za  
**Tel:** 021 483 5959



Robert Invernizzi  
[Rob.Invernizzi@abo-wind.com](mailto:Rob.Invernizzi@abo-wind.com)

**RESPONSE TO NOTIFICATION OF INTENT TO DEVELOP: HIA REQUIRED**  
In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999) and the Western Cape Provincial Gazette 6061, Notice 298 of 2003

**NOTIFICATION OF INTENT TO DEVELOP: PROPOSED CONSTRUCTION OF SEVEN 132 KV OVERHEAD TRANSMISSION POWERLINES IN SUPPORT OF THE PROPOSED KWAGGA WIND ENERGY FACILITY SUBMITTED IN TERMS OF SECTION 38(1) OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)**

**ERF Numbers:** Portion 1 of Trakas Kullen 15, Remainder of Trakas Kullen 15, Portion 1 of Wit Poortje 16, Portion 1 of Dwaalfontein Wes 377, Remainder of Dwaalfontein Wes 377, Dwaalfontein 379, Remainder of Wolve Kraal 17, Portion 9 of Wolve Kraal 17, Portion 7 of Farm 373

The matter above has reference.

Heritage Western Cape is in receipt of your application for the above matter received. This matter was discussed at the Heritage Officers Meeting held on 17 May 2022.

You are hereby notified that, since there is reason to believe that the proposed construction of seven 132 kV overhead transmission powerlines in support of the proposed Kwagga Wind Energy Facility will impact on heritage resources, HWC requires that a Heritage Impact Assessment (HIA) that satisfies the provisions of Section 38(3) of the NHRA be submitted. Section 38(3) of the NHRA provides

- (3) The responsible heritage resources authority must specify the information to be provided in a report required in terms of subsection (2)(a): **Provided that the following must be included:**
- (a) The identification and mapping of all heritage resources in the area affected;
  - (b) an assessment of the significance of such resources in terms of the heritage assessment criteria set out in section 6(2) or prescribed under section 7;
  - (c) an assessment of the impact of the development on such heritage resources;
  - (d) an evaluation of the impact of the development on heritage resources relative to the sustainable social and economic benefits to be derived from the development;
  - (e) the results of consultation with communities affected by the proposed development and other interested parties regarding the impact of the development on heritage resources;
  - (f) if heritage resources will be adversely affected by the proposed development, The consideration of alternatives; and
  - (g) plans for mitigation of any adverse effects during and after the completion of the proposed development.

(Our emphasis)

This HIA must in addition have specific reference to the following:

- Desktop Archaeological Impact Assessment
- Palaeontological Impact Assessment

The HIA must have an overall assessment of the impacts to heritage resources which are not limited to the specific studies referenced above.

The required HIA must have an integrated set of recommendations.

The comments of relevant registered conservation bodies; all Interested and Affected parties; and the relevant Municipality must be requested and included in the HIA where provided. Proof of these requests must be supplied.

[www.westerncape.gov.za/eas](http://www.westerncape.gov.za/eas)

**Street Address:** Protea Assurance Building, Green Market Square, Cape Town, 8000 • **Postal Address:** P.O. Box 1665, Cape Town, 8000  
• **Tel:** +27 (0)21 483 5959 • **E-mail:** ceoheritage@westerncape.gov.za

**Straatadres:** Protea Assuransie-gebou, Groentemarkplein, Kaapstad, 8000 • **Posadres:** Posbus 1665, Kaapstad, 8000  
• **Tel:** +27 (0)21 483 5959 • **E-pos:** ceoheritage@westerncape.gov.za

**Idilesi yendawo:** kungangatho 3, kwisakhiwo iprotea Assurance, Greenmarket Square, ekapa, 8000 • **Idilesi yeposi:** Inombolo yebhokisi yeposi 1665, eKapa, 8000 • **Linombolo zomnxeba:** +27 (0)21 483 5959 • **Idilesi ye-imeyile:** ceoheritage@westerncape.gov.za

PAGE 2 OF 2

**Our Ref:** HM / CENTRAL KAROO/ BEAUFORT WEST / VARIOUS\* listed below  
**Case No.:** 20220518S80519E  
**Enquiries:** Stephanie Barnardt  
**E-mail:** Stephanie.Barnardt@westerncape.gov.za  
**Tel:** 021 483 5959



If applicable, applicants are strongly advised to review and adhere to the time limits contained the Standard Operational Procedure (SOP) between DEADP and HWC. The SOP can be found using the following link <http://www.hwc.org.za/node/293>

Kindly take note of the HWC meeting dates and associated agenda closure date in order to ensure that comments are provided within as Reasonable time and that these times are factored into the project timeframes.

HWC reserves the right to request additional information as required.

Should you have any further queries, please contact the official above and quote the case number.

.....  
Colette Scheermeyer  
Deputy Director



[www.westerncape.gov.za/cas](http://www.westerncape.gov.za/cas)

**Street Address:** Protea Assurance Building, Green Market Square, Cape Town, 8000 • **Postal Address:** P.O. Box 1665, Cape Town, 8000  
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**Idilesi yendawo:** kumgangatho 3, kwisakhiwo iprotea Assurance, Greenmarket Square, eKapa, 8000 • **Idilesi yeposi:** Inombolo yebhokisi yeposi 1665, eKapa, 8000 • **Iinombolo zomnxeba:** +27 (0)21 483 5959 • **Idilesi ye-imeyile:** ceoheritage@westerncape.gov.za

## **E.8: PROOF OF SUBMISSION OF THE INTEGRATED HERITAGE IMPACT ASSESSMENT (HIA) TO HERITAGE WESTERN CAPE (HWC) AND LOCAL AUTHORITIES FOR A 30-DAY CONSULTATION PERIOD**

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**From:** jayson@asha-consulting.co.za  
**Sent:** Friday, 08 July 2022 16:36  
**To:** goodwilln@beaufortwestmun.co.za; natiedes@telkomsa.net; judymaguireza@gmail.co.za  
**Cc:** Lizande Kellerman; Dhiveshni Moodley  
**Subject:** Kwagga EGI heritage consultation  
**Categories:** This message has been archived by Retain on July 22 2022 16:22

Dear all

I have recently completed a series of seven HIAs for powerlines to be associated with the Kwagga Wind Energy Facilities which have recently been approved some 60km south of Beaufort West. The seven powerlines will be developed in such a way as they will appear as one. They are within the area of the WEFs and the adjacent WEFs due to be built soon by another developer.

The seven reports are almost identical and are available here:

Section 1: <https://1drv.ms/b/s!ApZVQiNnEoPhht43Humv9yipolBNcw?e=KWCH9b>

Section 2: <https://1drv.ms/b/s!ApZVQiNnEoPhht4y4bTMG4lOtPMPLg?e=Bj5Eb1>

Section 3: [https://1drv.ms/b/s!ApZVQiNnEoPhht411s\\_I8MjUPlnKmq?e=u7woQn](https://1drv.ms/b/s!ApZVQiNnEoPhht411s_I8MjUPlnKmq?e=u7woQn)

Section 4: <https://1drv.ms/b/s!ApZVQiNnEoPhht4xzZ6TGRezrkqlow?e=Q17dbB>

Section 5: <https://1drv.ms/b/s!ApZVQiNnEoPhht4zeeERTBC3X8TaDg?e=FbpCTb>

Section 6: [https://1drv.ms/b/s!ApZVQiNnEoPhht42VY-QS0\\_mG5VAZg?e=Dnu25h](https://1drv.ms/b/s!ApZVQiNnEoPhht42VY-QS0_mG5VAZg?e=Dnu25h)

Section 7: <https://1drv.ms/b/s!ApZVQiNnEoPhht401KTC4vLEBvuViA?e=IXQ1YZ>

I would appreciate any heritage-related comments to be sent to me by email on or before Monday 8th August 2022.

Many thanks  
Jayson

Dr Jayson Orton  
[www.asha-consulting.co.za](http://www.asha-consulting.co.za)  
23 Dover Road, Muizenberg, 7945  
021 788 1025 | 083 272 3225

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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From "jayson@asha-consulting.co.za" <jayson@asha-consulting.co.za>  
To "Ceoheritage" <Ceoheritage@westerncape.gov.za>  
Date 2022/07/21 11:52:26  
Subject NEW APPLICATION: Kwagga EGI

Dear HWC

Please find at the links below seven integrated HIA reports for seven powerlines. Please note that this project started as one case but due to a change in DFFE requirements it was necessary to produce seven almost identical reports for the seven sections of powerline. Waseefah has confirmed that I only need to pay a single scrutiny fee. PoP is attached.

Kwagga EGI Section 1: <https://1drv.ms/b/s!ApZVQiNnEoPhht43Humv9yipoIBNcw?e=LaFAN3>  
Kwagga EGI Section 2: <https://1drv.ms/b/s!ApZVQiNnEoPhht4y4bTMG4IOtPMPLg?e=Dk4cNb>

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Kwagga EGI Section 3: [https://1drv.ms/b/s!ApZVQiNnEoPhht411s\\_l8MjUPInKmg?e=ggBapJ](https://1drv.ms/b/s!ApZVQiNnEoPhht411s_l8MjUPInKmg?e=ggBapJ)  
Kwagga EGI Section 4: <https://1drv.ms/b/s!ApZVQiNnEoPhht4xzZ6TGRezrkqlow?e=MnUTNC>  
Kwagga EGI Section 5: <https://1drv.ms/b/s!ApZVQiNnEoPhht4zeeERTBC3X8TaDg?e=bfRef5>  
Kwagga EGI Section 6: [https://1drv.ms/b/s!ApZVQiNnEoPhht42VY-OS0\\_mG5VAZg?e=otfl1H](https://1drv.ms/b/s!ApZVQiNnEoPhht42VY-OS0_mG5VAZg?e=otfl1H)  
Kwagga EGI Section 7: <https://1drv.ms/b/s!ApZVQiNnEoPhht401KTC4vLEBvuViA?e=hPjliZ>

thanks  
Jayson

Dr Jayson Orton  
[www.asha-consulting.co.za](http://www.asha-consulting.co.za)  
23 Dover Road, Muizenberg, 7945  
021 788 1025 | 083 272 3225



ASHA Consulting (Pty) Ltd  
23 Dover Road  
Muizenberg  
7945

11 August 2022

Stephanie Barnardt  
Heritage Western Cape  
Protea Assurance Building  
Greenmarket Square  
Cape Town  
8000  
By email: <[Stephanie.Barnardt@westerncape.gov.za](mailto:Stephanie.Barnardt@westerncape.gov.za)>

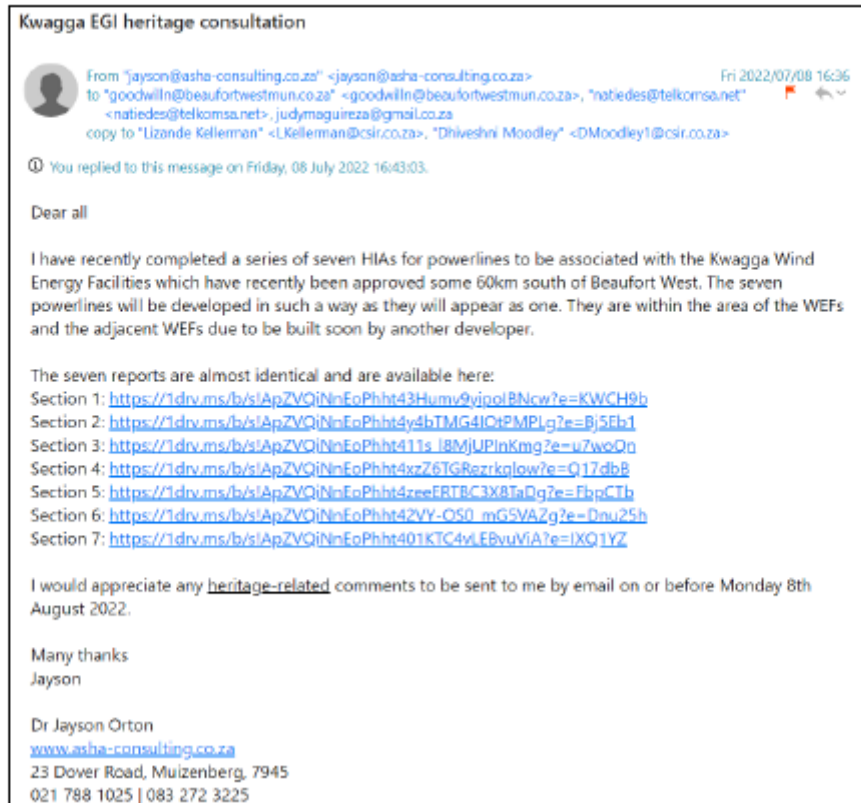
**KWAGGA EGI CONSULTATION: HWC CASE 20220518SB0519E**

Dear Stephanie

This letter serves to report back on the heritage consultation process undertaken for the suite of Kwagga grid connection projects located to the south of Beaufort West.

As required by HWC, the reporting was subjected to a 30 day heritage consultation process with the municipality and registered heritage conservation bodies. The consultation for all seven applications was run in parallel and due to the number and size of the reports they were all made available via One Drive links as shown in the screenshot below:

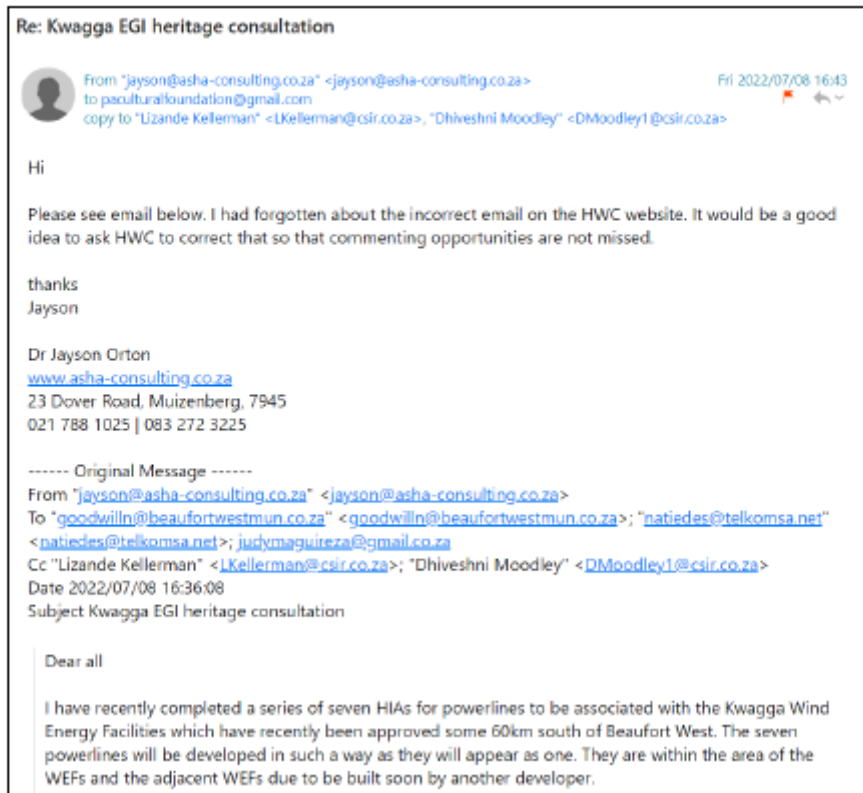
ASHA Consulting (Pty) Ltd  
Reg. no.: 2013/220482/07 | Directors: Jayson Orton & Carol Orton  
23 Dover Road, Muizenberg, 7945 | T: 021 788 1025 | C: 083 272 3225  
Jayson@asha-consulting.co.za | Carol@asha-consulting.co.za | www.asha-consulting.co.za



Due an incorrect email address on the HWEC Conservation Bodies database, a new email was sent to the Prince Albert Cultural Foundation as follows:

ASHA Consulting (Pty) Ltd  
Reg. no.: 2013/220482/07 | Directors: Jayson Orton & Carol Orton  
23 Dover Road, Muizenberg, 7945 | T: 021 788 1025 | C: 083 272 3225  
Jayson@asha-consulting.co.za | Carol@asha-consulting.co.za | [www.asha-consulting.co.za](http://www.asha-consulting.co.za)





The only response received as of 11 August 2022 was from the Simon van der Stel Foundation Southern Cape. They responded as follows:

ASHA Consulting (Pty) Ltd  
Reg. no.: 2013/220482/07 | Directors: Jayson Orton & Carol Orton  
23 Dover Road, Muizenberg, 7945 | T: 021 788 1025 | C: 083 272 3225  
Jayson@asha-consulting.co.za | Carol@asha-consulting.co.za | www.asha-consulting.co.za

Re: Kwagga EGI heritage consultation

From 'Natie de Swardt' <natedes@telkomsa.net>  
to 'Jayson@asha-consulting.co.za' <jayson@asha-consulting.co.za>

Mon 2022/07/11 07:43

You replied to this message on Tuesday, 12 July 2022 08:42:26.

Dear Dr Orton,

No heritage-related comments at this time.

Regards,

Natie de Swardt  
Dr Natie de Swardt  
Chair  
Simon van der Stel Foundtaion : Southern Cape  
P.O. Box 4037, George East 6539  
Tel 044 889 0008  
Cell 083 752 9340

----- Original Message -----  
From "Jayson@asha-consulting.co.za" <jayson@asha-consulting.co.za>  
To "goodwilln@beaufortwestmun.co.za" <goodwilln@beaufortwestmun.co.za>; "natedes@telkomsa.net" <natedes@telkomsa.net>; judymaguireza@gmail.com <judymaguireza@gmail.com>  
Cc "Lizande Kellerman" <L.Kellerman@csir.co.za>; "Dhiveshni Moodley" <DMoodley1@csir.co.za>  
Date 2022/07/08 16:36:08  
Subject Kwagga EGI heritage consultation

Dear all

Yours sincerely



Jayson Orton

ASHA Consulting (Pty) Ltd  
Reg. no.: 2013/220482/07 | Directors: Jayson Orton & Carol Orton  
23 Dover Road, Muizenberg, 7945 | T: 021 788 1025 | C: 083 272 3225  
Jayson@asha-consulting.co.za | Carol@asha-consulting.co.za | www.asha-consulting.co.za

----- Forwarded Message -----

From "Ceoheritage" <[Ceoheritage@westerncape.gov.za](mailto:Ceoheritage@westerncape.gov.za)>

To "[jayson@asha-consulting.co.za](mailto:jayson@asha-consulting.co.za)" <[jayson@asha-consulting.co.za](mailto:jayson@asha-consulting.co.za)>

Date 2022/07/22 06:24:04

Subject RE: NEW APPLICATION: Kwagga EGI

Dear Applicant,

I acknowledge receipt of your permit application submitted for Kwagga EGI received on 21 July 2022.

**Please note, the above is a pre-assessment of your application submitted as per the application guideline of documentation required. Once your application is assigned, the relevant Case Officer will confirm assignment of application and if there are any further requirements.**

Regards  
Xola Mlwanle

1

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Heritage Western Cape  
Department of Cultural Affairs and Sport  
3<sup>rd</sup> Floor, Protea Assurance Building  
Green Market Square  
Cape Town  
8001



**Invite from the HWC to the APM meeting on 3 August 2022**

From "Nosiphiwo W Tafeni" <[Nosiphiwo.Tafeni@westerncape.gov.za](mailto:Nosiphiwo.Tafeni@westerncape.gov.za)>

To

Cc "Stephanie Barnardt" <[Stephanie.Barnardt@westerncape.gov.za](mailto:Stephanie.Barnardt@westerncape.gov.za)>; "Zikhona Sigonya-Ndongeni" <[Zikhona.Sigonya-Ndongeni@westerncape.gov.za](mailto:Zikhona.Sigonya-Ndongeni@westerncape.gov.za)>; "Aneeqah Brown" <[Aneeqah.Brown@westerncape.gov.za](mailto:Aneeqah.Brown@westerncape.gov.za)>; "Olwethu Dlova" <[Olwethu.Dlova@westerncape.gov.za](mailto:Olwethu.Dlova@westerncape.gov.za)>; "Reagon Fortune" <[Reagon.Fortune@westerncape.gov.za](mailto:Reagon.Fortune@westerncape.gov.za)>; "Nuraan Vallie" <[Nuraan.Vallie@westerncape.gov.za](mailto:Nuraan.Vallie@westerncape.gov.za)>

Date 2022/08/01 09:04:11

Subject APM Committee Meeting 3 August 2022. Item Hoogland GRID (South and North)

Dear Interested and affected Parties

I trust you are all well. I am resending the invite with the WhatsApp and as well as the Teams link for your easy access.

Following your request to attend the **APM Committee Meeting scheduled for 3<sup>rd</sup> of August 2022**. Please note it is best to download and install Microsoft teams in order to have a better video and audio output in joining any meeting conducted via this platform. Below is link you can use in order to install Microsoft Teams.

<https://teams.microsoft.com/downloads>

For an easy flow to the committee meeting, I am attaching the link to join this meeting, which will be convened via Microsoft Teams bellow.

---

Microsoft Teams meeting

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---

APM Committee meeting 3<sup>rd</sup> August 2022.

The committee is set to convene from 9:00 am where they will deal with administration matters first, this section of the meeting is not open to the public and you will not be granted access until such time that the committee is open for members of the public to join.

Follow this link to join the WhatsApp group: <https://chat.whatsapp.com/LJzuikP4jtt4fmPW7fA5X6> . It is your responsibility to join the respective group to be kept up to date on the meeting proceedings – HWC officials will not be contacting individuals in order to advise them when to join. Notifications on meeting progress will be posted regularly to keep you informed of which agenda item is under discussion.

For ease of reference, I attach the agenda for the committee meeting in order that you may gage the order in which the committee will hear agenda items, so that you do not join this meeting for a prolonged period.

I trust you will find all in order

Kind Regards

**Nosiphiwo Tafeni**  
Administrative Clerk

Heritage Resource Management Services | Heritage Western Cape  
Protea Assurance Building, Greenmarket Square, Cape Town

Website: [www.hwc.org.za](http://www.hwc.org.za) / [www.westerncape.gov.za](http://www.westerncape.gov.za)



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## E.9: COPIES AND PROOF OF CORRESPONDENCE SENT TO STAKEHOLDERS FOR THE RELEASE OF THE DRAFT BASIC ASSESSMENT REPORT FOR COMMENT

### Letter 1 sent via email I&APs, Stakeholders and Organs of State: Notification of the BA Processes and Release of the Draft BA Report for a 30-day Comment Period



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10 July 2022

Dear Interested and/or Affected Party,

**RE: NOTIFICATION OF THE RELEASE OF SEVEN DRAFT BASIC ASSESSMENT REPORTS FOR A 30-DAY COMMENT PERIOD FOR THE PROPOSED CONSTRUCTION OF SEVEN 132 KV OVERHEAD TRANSMISSION POWERLINES IN SUPPORT OF THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITIES 1-3, NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE**

Notification is hereby given of the commencement of the Basic Assessment (BA) Processes and of the release of the Draft BA Reports for a 30-day commenting period, extending from 11 July 2022 to 11 August 2022 (excluding public holidays from the reckoning of days), in terms of Regulation 40(1)(a) of the National Environmental Management Act (Act 107 of 1998), as amended, (NEMA) for the seven proposed 132 kV overhead transmission powerlines in support of the proposed authorised Kwagga Wind Energy Facilities (WEFs) 1-3, near Beaufort West in the Western Cape Province.

The National Department of Forestry, Fisheries and the Environment (DFFE) has granted Environmental Authorisation (EA) for the proposed Kwagga WEF 1 (DFFE Ref: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Ref: 14-12-16-3-3-2-2071) and Kwagga WEF 3 (DFFE Ref: 14-12-16-3-3-2-2072) projects on 7 April 2022 i.e. one for each WEF and its associated infrastructure. The electrical grid infrastructure (EGI) component did not form part of the S&EIA Processes that were undertaken for each of the three WEFs during 2021. Therefore, in order to facilitate the connection of the Kwagga WEFs 1-3 to the existing Droërivier–Proteus 400 kV overhead transmission powerline, the Project Applicant, ABO Wind renewable energies (PTY) Ltd, is proposing the construction of seven 132 kV overhead transmission powerlines and associated EGI.

It is anticipated that the electricity generated by the proposed authorised Kwagga WEFs will be evacuated via these proposed 132 kV overhead transmission powerlines into the existing Droërivier–Proteus 400 kV overhead transmission powerline that runs parallel to the N12 in a north-south direction via the proposed authorised Eskom 132 kV Switching Substation (DFFE Ref: 14-12-16-3-3-1-2465) and the proposed authorised Beaufort West 132 kV-400 kV Linking Station (DFFE Ref: 14-12-16-3-3-2-925-1).

The powerlines will comprise of monopole pylon structures or self-supporting suspension structures which will extend at most 30 m in height. The tower spacing span lengths are anticipated to range between approximately 200 m and 300 m, or as specified by Eskom. The registered servitude for the proposed powerline will be up to 50 m wide, or where multiple adjacent powerlines occur, in line with guideline and requirements for 132 kV powerlines stipulated in the 2011 Eskom Distribution Guide Part 19. Please refer to Section A of the Draft BA Report, for a detailed project description.

It is proposed that each of the three Kwagga WEFs will have a dedicated 132 kV overhead powerline that will connect each WEF to the Droërivier–Proteus 400 kV line via the Eskom Switching Substation and the Beaufort West 132 kV-400 kV Linking Station. The suite of seven powerlines also comprises of overhead powerlines between each of the Kwagga WEFs. This will ensure that each WEF is a viable stand-alone project. The above approach also ensures that any two of the three proposed Kwagga WEFs can connect to the Droërivier–Proteus 400 kV powerline, as this approach accommodates for the potential scenario in the event that only one or two of the three proposed authorised Kwagga WEFs receive preferred bidder status in terms of the Renewable Energy Independent Power Producer Programme (REIPPPP) or other private or government-run tender process, and therefore will materialise from a construction perspective. This approach is based on the worst-case scenario (i.e. assessment of seven separate 132 kV overhead transmission powerlines). It has also been structured accordingly to meet the requirements of the REIPPPP which requires separate EAs.

Board members: Prof. T. Majozl (Chairperson), Ms P. Baleni, Dr A. Childs, Dr R. Masango, Mr S. Masle, Ms T. Mokhabuki, Dr V. Mthethwa, Mr J. Nelshitenzhe, Dr C. Render, Mr C. Shariff, Dr T. Dlamini (CEO)

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Each of the seven proposed Kwagga powerline projects is subject to a BA Process. Seven separate Applications for EA along with seven separate BA Reports have been compiled and will be submitted to the National DFFE for decision making. It is therefore proposed that seven separate EAs will be issued for each 132 kV powerline and associated infrastructure. The need for the BA, with a 107-day decision-making timeframe, is required in terms of the 2014 NEMA EIA Regulations (as amended) and is triggered by, amongst others, the inclusion of Activity 11 (i) listed in GN R327 (Listing Notice 1):

*"The development of facilities or infrastructure for the transmission and distribution of electricity (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts".*

An integrated Public Participation Process (PPP) is being undertaken for the seven BA Processes, as approved by the DFFE during the Pre-Application meeting held on 18 May 2022. Therefore,

Notification is hereby given of the release of the seven Draft BA Reports for a 30-day commenting period extending from **11 July 2022** to **11 August 2022** (excluding public holidays from the reckoning of days).

Should you wish to register as an Interested and/or Affected Party (I&AP) and/or provide comments on the Draft BA Reports, you are kindly requested to e-mail or Whatsapp your name, contact details (with an indication of your interest in the application), and project-related comments to the EAP at the contact details provided below no later than **11 August 2022**:

For your record and commenting purposes, the Draft BA Reports with all its supporting appendices can be accessed via:

- The project website (<https://www.csir.co.za/environmental-impact-assessment>)
- The Google Drive project folder: <https://drive.google.com/drive/folders/1I2-WamNa-AOFmuHDAbxv4GIVvK2ds5c?usp=sharing>

All comments and issues raised as part of the review period of the Draft BA Reports will be captured in a Comments and Responses Report and addressed, where applicable, and included in the Final BA Report for each of the seven proposed 132 kV powerlines. Thereafter the Final BA Reports will be submitted to DFFE for decision-making in terms of Regulation 20(1) and (2) of the 2014 NEMA EIA Regulations (as amended). As a registered I&AP on this project, you will be duly informed of the submission of the Final BA Reports to the DFFE for decision-making as well as the outcome of the DFFE's decision on the Final BA Reports for these proposed powerline projects.

We thank you in advance for your participation in these BA Processes. Should you have any queries or require additional information, or should you struggle to access the documentation at any of the above links, please do not hesitate to contact the undersigned using the contact details provided above.

- Attention: Lizande Kellerman / Dhiveshni Moodley
- PO Box 320, Stellenbosch, 7599
- Tel: 021 888 2400
- Mobile: 083 799 0949 / 074 8900 103
- Email: [ems@csir.co.za](mailto:ems@csir.co.za) (Please use "Kwagga EGI Powerlines" as the subject)

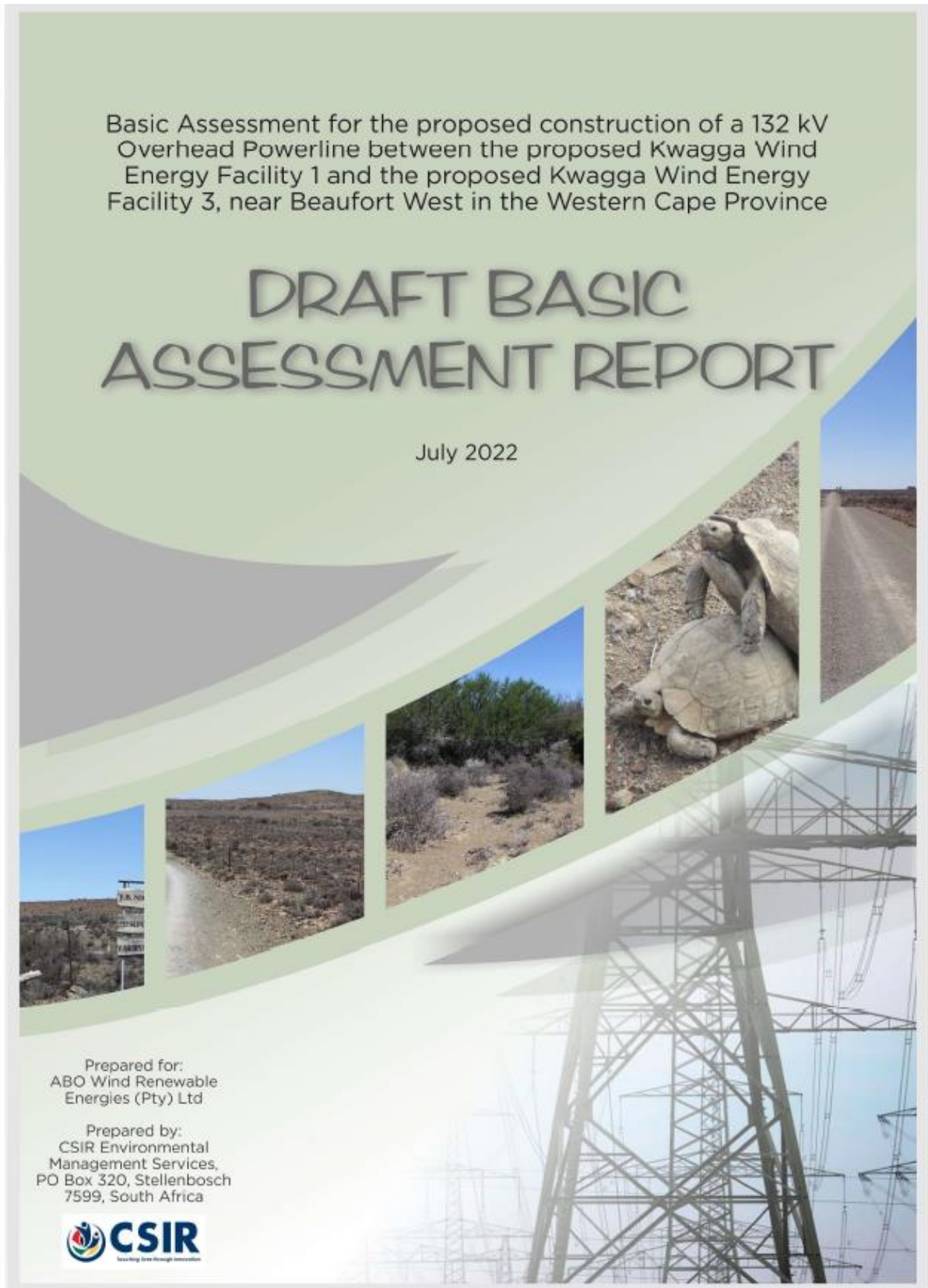


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CSIR Environmental Management Services

**Executive Summaries Sent with Letter 1 via email**





# **BASIC ASSESSMENT PROCESS**

for the

Proposed Construction of a 132 kV Overhead Transmission Powerline between the proposed authorised Kwagga Wind Energy Facility 1 and the proposed authorised Kwagga Wind Energy Facility 3 (i.e., Kwagga EGI Section 6), near Beaufort West in the Western Cape Province

## **DRAFT BASIC ASSESSMENT REPORT**

July 2022

*Prepared for:*

ABO Wind renewable energies (Pty) Ltd

*Prepared by:*

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**DRAFT BASIC ASSESSMENT REPORT: Basic Assessment for the Proposed Construction of a 132 kV Overhead Transmission Powerline between the proposed authorised Kwagga Wind Energy Facility 1 and the proposed authorised Kwagga Wind Energy Facility 3 (i.e., Kwagga EGI Section 6), near Beaufort West in the Western Cape Province**

## REPORT DETAILS

<b>Title:</b>	Basic Assessment for the Proposed Construction of a 132 kV Overhead Transmission Powerline between the proposed authorised Kwagga Wind Energy Facility 1 and the proposed authorised Kwagga Wind Energy Facility 3 (i.e., Kwagga EGI Section 6), near Beaufort West in the Western Cape Province: DRAFT BASIC ASSESSMENT (BA) REPORT
<b>Purpose of this report:</b>	<p>The purpose of this Draft BA Report is to:</p> <ul style="list-style-type: none"> <li>• Present the details of and the need for the proposed project;</li> <li>• Describe the affected environment at a sufficient level of detail to facilitate informed decision-making;</li> <li>• Provide an overview of the BA Process being followed, including public consultation;</li> <li>• Assess the potential positive and negative impacts of the proposed project on the environment;</li> <li>• Provide recommendations to avoid or mitigate negative impacts and to enhance the positive benefits of the project; and</li> <li>• Provide an Environmental Management Programme (EMPr) for the proposed project.</li> </ul> <p>The Draft BA Report is currently being made available to all Interested and Affected Parties (I&amp;APs), Organs of State and stakeholders for a 30-day review period extending from 11 July 2022 to 11 August 2022, excluding public holidays. All comments submitted during the 30-day review will be incorporated and addressed, as applicable and where relevant, into the Final BA Report. The Final BA Report will then be submitted to the National Department of Forestry, Fisheries and the Environment (DFFE) for decision-making.</p>
<b>Prepared for:</b>	ABO Wind renewable energies (Pty) Ltd
<b>Prepared by:</b>	Council for Scientific and Industrial Research (CSIR):  P. O. Box 320, Stellenbosch, 7599 Tel: +27 21 888 2400 Fax: +27 21 888 2693
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<b>Mapping:</b>	Dhiveshni Moodley (CSIR)
<b>Date:</b>	July 2022
<b>Formatting and Desktop Publishing:</b>	Magdel van der Merwe, DTP Solutions
<b>To be cited as:</b>	CSIR, 2022. Basic Assessment for the Proposed Construction of a 132 kV Overhead Transmission Powerline between the proposed authorised Kwagga Wind Energy Facility 1 and the proposed authorised Kwagga Wind Energy Facility 3 (i.e., Kwagga EGI Section 6), near Beaufort West in the Western Cape Province: CSIR/SPLA/SECO/ER/2022/0025/B

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# EXECUTIVE SUMMARY



## INTRODUCTION AND PROJECT BACKGROUND

The National DFFE has granted Environmental Authorisation (EA) for the proposed Kwagga WEF 1 (DFFE Ref: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Ref: 14-12-16-3-3-2-2071) and Kwagga WEF 3 (DFFE Ref: 14-12-16-3-3-2-2072) projects on 7 April 2022 i.e. one for each WEF and its associated infrastructure. The Scoping and EIA (S&EIA) processes that were undertaken for the abovementioned three WEFs extended from May 2021 to April 2022. The three Kwagga WEFs and its supporting electrical grid infrastructure is situated approximately 60 km south of Beaufort West in the Western Cape Province.

In order to facilitate the connection of the proposed authorised Kwagga WEF 1, Kwagga WEF 2 and Kwagga WEF 3 projects to the national electrical grid network, the Project Applicant, ABO Wind renewable energies (Pty) Ltd ("ABO Wind") is proposing the construction of seven 132 kV overhead transmission powerlines and its associated electrical grid infrastructure between the proposed authorised Beaufort West 132 kV-400 kV Linking Station (DFFE Ref: 14-12-16-3-3-2-925-1) and the aforementioned WEFs, via the proposed authorised Eskom 132 kV Switching Substation (DFFE Ref: 14-12-16-3-3-1-2465). It is anticipated that the electricity generated by the proposed authorised Kwagga WEFs will be evacuated via these proposed 132 kV overhead transmission powerlines into the existing Droërivier-Proteus 400 kV overhead transmission powerline that runs parallel to the N12 in a north-south direction.

It is understood that the proposed authorised Eskom 132 kV Switching Substation and the proposed authorised Beaufort West 132 kV-400 kV Linking Station will be constructed by South Africa Mainstream Renewable Power Developments (Pty) Ltd ("Mainstream") in support of their proposed authorised Beaufort West WEF and Trakas WEF that are to be located on land directly adjacent to the proposed authorised Kwagga WEFs 1-3 (refer to Figure 1 below).

The Project Applicant has signed a servitude agreement and relevant powers of attorney with the landowner of the relevant Beaufort West and Trakas WEFs affected land portions and obtained agreement with Mainstream to facilitate the connection of the proposed authorised Kwagga WEFs 1-3 via 132 kV overhead transmission powerlines, via the aforementioned Eskom 132 kV Switching Substation and the Beaufort West 132 kV-400 kV Linking Station, to the existing Droërivier-Proteus 400 kV overhead transmission powerline that is located westwardly of the N12.

Important to note is that both the Beaufort West WEF (DFFE Ref: 12-12-20-1784-1-AM2; 12-12-20-1784-1-AM3) and the Trakas WEF (DFFE Ref: 12-12-20-1784-2-AM2; 12-12-20-1784-2-AM3), and their supporting powerline and substation infrastructure [Beaufort West 132 kV-400 kV Linking Station, 132 kV Powerline and onsite 132 kV Substation (DFFE Ref: 14-12-16-3-3-2-925-1) and Trakas 132 kV-400 kV Linking Station, 132 kV Powerline and onsite 132 kV Substation (DFFE Ref: 14-12-16-3-3-2-925-2)], collectively referred to as "the Beaufort West Cluster", have all received EA and were successful bidders in Round 5 of the Renewable Energy Independent Power Producer Programme (REIPPPP).

The electrical grid infrastructure (EGI) component i.e. the application for these proposed 132 kV overhead transmission powerlines required for the three proposed authorised Kwagga WEF projects did not form part of the S&EIA processes that were undertaken for each of the three WEFs during 2021. Therefore, in order to facilitate the connection of the Kwagga WEFs 1-3 to the Droërivier-Proteus 400 kV, the following seven 132 kV overhead transmission powerlines and associated infrastructure, located near Beaufort West in the Western Cape, are being proposed and assessed (Also referred to as Section 1 to 7 of the proposed Kwagga EGI Corridor):

- Proposed Construction of a 132 kV overhead transmission powerline between the proposed authorised Beaufort West 132 kV-400 kV Linking Station and the proposed Eskom 132 kV Switching Station (i.e., Kwagga

**DRAFT BASIC ASSESSMENT REPORT: Basic Assessment for the Proposed Construction of a 132 kV Overhead Transmission Powerline between the proposed authorised Kwagga Wind Energy Facility 1 and the proposed authorised Kwagga Wind Energy Facility 3 (i.e., Kwagga EGI Section 6), near Beaufort West in the Western Cape Province**

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**EGI Section 1**) – this powerline facilitates connection of Kwagga WEF 1, Kwagga WEF 2 and Kwagga WEF 3;

- Proposed Construction of a 132 kV overhead transmission powerline between the proposed Eskom 132 kV Switching Station and the Kwagga WEF 1 (i.e., **Kwagga EGI Section 2**) – this powerline facilitates connection of Kwagga WEF 1, as well as Kwagga WEF 2 and Kwagga WEF 3 (where Kwagga WEF 1 on-site substation is used as collector);
- Proposed Construction of a 132 kV overhead transmission powerline between the proposed Eskom 132 kV Switching Station and the Kwagga WEF 2 (i.e., **Kwagga EGI Section 3**) – this powerline facilitates connection of Kwagga WEF 2, as well as Kwagga WEF 3 (where Kwagga WEF 2 on-site substation is used as a collector);
- Proposed Construction of a 132 kV overhead transmission powerline between the proposed Eskom 132 kV Switching Station and the Kwagga WEF 3 (i.e., **Kwagga EGI Section 4**) – this powerline facilitates connection of Kwagga WEF 3;
- Proposed Construction of a 132 kV overhead transmission powerline between Kwagga WEF 1 and Kwagga WEF 2 (i.e., **Kwagga EGI Section 5**) – this powerline facilitates connection of Kwagga WEF 2;
- Proposed Construction of a 132 kV overhead transmission powerline between Kwagga WEF 1 and Kwagga WEF 3 (i.e., **Kwagga EGI Section 6**) – this powerline facilitates connection Kwagga WEF 3; and
- Proposed Construction of a 132 kV overhead transmission powerline between Kwagga WEF 2 and Kwagga WEF 3 (i.e., **Kwagga EGI Section 7**) – this powerline facilitates connection Kwagga WEF 3.

It is proposed that each of the three Kwagga WEFs will have a dedicated 132 kV powerline that will connect each WEF to the Droërivier–Proteus 400 kV powerline via the authorised Eskom Switching Substation and the authorised Beaufort West 132 kV-400 kV Linking Station. Overhead powerlines between each of the Kwagga WEFs have also been proposed. This will ensure that each WEF is a viable stand-alone project. The above approach also ensures that any two of the three proposed Kwagga WEFs can connect to the Droërivier–Proteus 400 kV powerline, as this approach accommodates for the potential scenario in the event that only one or two of the three proposed Kwagga WEFs receive preferred bidder status in terms of the REIPPPP and therefore will materialise from a construction perspective. This approach is based on the worst-case scenario (i.e., assessment of seven separate 132 kV overhead transmission powerlines). It has also been structured accordingly to meet the requirements of the REIPPPP which requires issuing of seven separate EAs for these proposed powerline projects.

An integrated Public Participation Process is being undertaken for the proposed projects.

The Draft BA Reports are being released to all Interested and Affected Parties (I&APs), Organs of State and stakeholders for a 30-days review period, extending from **11 July 2022** to **11 August 2022**, excluding public holidays. All comments submitted during the 30-day review will be incorporated into a detailed Comments and Responses Report, and addressed, as applicable and where relevant, and appended to the Final BA Report. The Final BA Report will be submitted to the DFFE, in accordance with Regulation 19 (1) of the 2014 NEMA EIA Regulations (as amended), for decision-making in terms of Regulation 20.

### **PROJECT LOCATION**

The seven proposed Kwagga 132 kV overhead transmission powerlines projects (i.e., Kwagga EGI Sections 1 to 7) will be located approximately 60 km south of the Beaufort West town in the Western Cape Province. The entire powerline corridor traverses both the Prince Albert Local Municipality and the Beaufort West Local Municipality, with the exception of the Kwagga EGI Section 1, which is only located in the Prince Albert Local Municipality. The locality of the Kwagga EGI corridor and the proposed 132 kV powerline projects is depicted in Figure 1 below.

The 132 kV overhead transmission powerline project that is the subject of this BA Report, is represented by the section of the Kwagga EGI Corridor indicated between Point C and Point E, via Point D in Figure A below. For purposes of this BA Process, this proposed powerline project is referred to as **Section 6 of the Kwagga EGI Corridor**.

The farm portions that will be affected by this proposed powerline project are:

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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- Remainder of the Farm Dwaalfontein No. 379 (Surveyor General 21 Digit Code: C00900000000037900000);
- Portion 3 of the Farm Tyger Poort No. 376 (Surveyor General 21 Digit Code: C00900000000037600003);
- Remainder of the Farm Wolwe Kraal No. 17 (Surveyor General 21 Digit Code: C0610000000001700000);
- Portion 9 of the Farm Wolwe Kraal No.17 (Surveyor General 21 Digit Code: C0610000000001700009); and
- Portion 7 of the Farm Muis Kraal No. 373 (Surveyor General 21 Digit Code: C00900000000037300007).

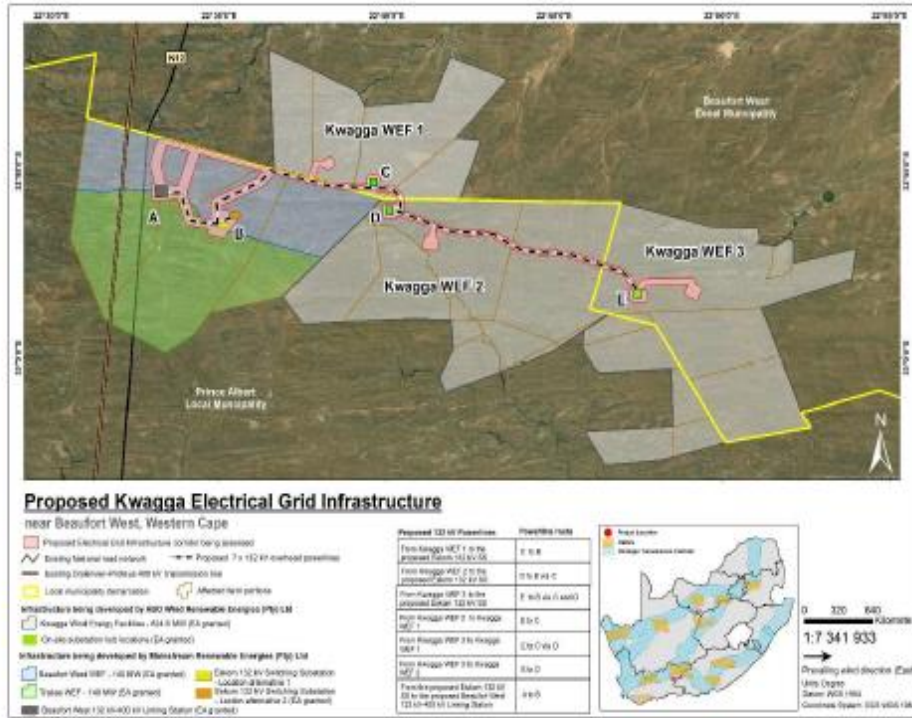


Figure A. Locality of the Kwagga EGI Corridor comprising the seven proposed 132 kV overhead transmission powerline projects (i.e., Kwagga EGI Section 1 – 7)

**PROJECT BASIC ASSESSMENT TEAM**

In accordance with Regulation 12 (1) of the 2014 NEMA EIA Regulations (as amended), the Project Applicant has appointed the Council for Scientific and Industrial Research (CSIR) to undertake the required BA Processes in order to determine the biophysical, social and economic impacts associated with undertaking the proposed development. The project team, including the relevant specialists, is indicated in Table A below.

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**Table A. Project Team for the Kwagga Powerline BA Processes**

Name	Organisation	Role/ Specialist Study
<b>CSIR Project Team</b>		
Paul Lochner ( <i>Registered EAP (2010/745)</i> )	CSIR	EAP and Project Leader
Rohalda Abed ( <i>Pr.Sci.Nat.</i> )	CSIR	Project Review
Lizande Kelleman ( <i>Pr.Sci.Nat.</i> )	CSIR	Project Manager
Dhiveshni Moodley ( <i>Cand.Sci.Nat.</i> )	CSIR	Project Officer
<b>Specialists</b>		
Johann Lanz ( <i>Pr.Sci.Nat.</i> )	Private	Agricultural Compliance Statement
Menno Klapwijk	Bapela Cave Klapwijk cc	Visual Impact Assessment
Dr Jayson Orton	ASHA Consulting (Pty) Ltd	Heritage Impact Assessment (Archaeology, Cultural Landscape and Palaeontology)
Dr. John Almond	Natura Viva cc	
Dr Noel van Rooyen ( <i>Pr.Sci.Nat.</i> ) and Prof Gretel van Rooyen ( <i>Pr.Sci.Nat.</i> )	Ekotrust cc	Terrestrial Biodiversity and Species Impact Assessment
Antonia Belcher ( <i>Pr.Sci.Nat.</i> )	Private	Aquatic Biodiversity Impact Assessment
Chris van Rooyen and Albert Froneman ( <i>Pr.Sci.Nat.</i> )	Chris van Rooyen Consulting	Avifauna Impact Assessment
Lizande Kelleman ( <i>Pr.Sci.Nat.</i> ) and Dhiveshni Moodley ( <i>Cand.Sci.Nat.</i> )	CSIR	Civil Aviation Site Sensitivity Verification
Lizande Kelleman ( <i>Pr.Sci.Nat.</i> ) and Dhiveshni Moodley ( <i>Cand.Sci.Nat.</i> )	CSIR	Defence Site Sensitivity Verification

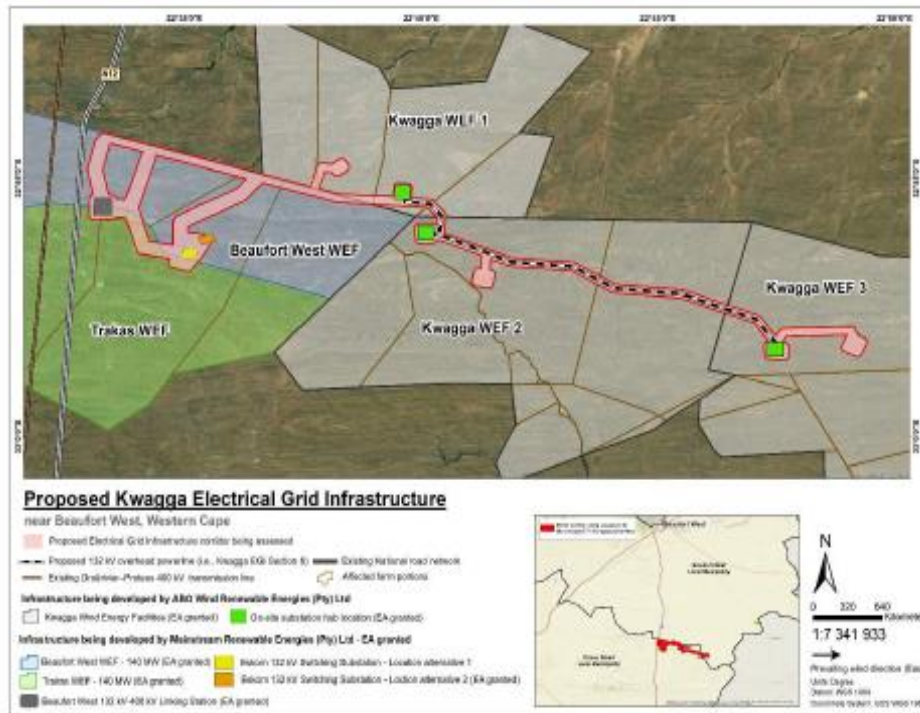
## PROJECT DESCRIPTION

It is important to point out at the outset that the exact specifications of the proposed project components will be determined during the detailed engineering phase (subsequent to the issuing of EAs, should they be granted for the proposed projects). As noted above, seven separate BA Reports have been compiled for the seven proposed 132 kV overhead transmission powerlines that are required to facilitate the connection of the three proposed authorised Kwagga WEFs to the national electrical grid network, via the aforementioned Eskom 132 kV Switching Substation and the Beaufort West 132 kV-400 kV Linking Station, to the existing Droërivier-Proteus 400 kV overhead transmission powerline that is located westwardly of the N12.

This BA Report only addresses the 132 kV overhead transmission powerline and associated EGI between the proposed authorised Kwagga WEF 1 and the proposed authorised Kwagga WEF 3 (i.e., Kwagga EGI Section 6 – this powerline facilitates connection of Kwagga WEF 3 (Figure B).

The proposed powerline project will make use electricity transmission and distribution technology generated from wind energy and transmit it to the National Grid. Once the proposed authorised Kwagga WEF projects are awarded a Power Purchase Agreement (PPA), the proposed powerline project will transmit electricity for a minimum period of 20 years. The construction phase for the proposed project is expected to extend 12 to 18 months. A description of the key components relevant to this proposed powerline project is provided in Table B below.

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**Figure B.** Locality map showing the proposed 132 kV overhead powerline in relation to the Kwagga EGI Corridor (i.e., Kwagga EGI Section 6 that is the subject of this BA Report), which extends between the proposed authorised Kwagga WEF 1 and the proposed authorised Kwagga WEF 3, via the proposed authorised Kwagga WEF 2

**Table B.** Project Components for the proposed 132 kV Overhead Powerline

Component	Description
Line/pylon height	Up to 30 m
Line capacity	Up to 132 kV
Pylon type	Self-supporting suspension structures or guyed monopoles. Insulators will be used to connect the conductors to the towers
Servitude length	16 km
Servitude width	<p>The registered servitude will be up to 50 m wide, or where multiple adjacent powerlines occur, in line with guideline and requirements for 132 kV powerlines stipulated in the 2011 Eskom Distribution Guide Part 19.</p> <p><b>Note</b> that the entire servitude will <b>not</b> be cleared of vegetation. Vegetation clearance within the servitude will be undertaken in compliance with relevant standards and specifications.</p> <p>Specialists were required to assess an approximately 300 m wide corridor for the portion of the proposed powerline route that traverses the proposed authorised Kwagga WEFs 1-3 project sites, and an approximately 500 m wide corridor for the proposed powerline route that traverses the neighbouring Mainstream Beaufort West and Trakas WEF project sites.</p>
<b>Associated Infrastructure</b>	
Associated electrical infrastructure including but not limited to feeder bays, busbars, new transformer bays (up to 500 MVA) and possible extension to the existing footprint at the proposed authorised Eskom 132 kV Switching Substation.	<p>The following substations are relevant to this BA project:</p> <ul style="list-style-type: none"> <li>○ Proposed authorised Kwagga WEF 1 On-site Substation Hub (Footprint: approximately 5.21 ha);</li> <li>○ Proposed authorised Kwagga WEF 2 On-site Substation Hub (Footprint: approximately 18.5 ha);</li> <li>○ Proposed authorised Kwagga WEF 1 On-site Substation Hub (Footprint: approximately 17 ha)</li> </ul>
Service roads	There are a number of existing gravel farm roads (some just jeep tracks) with widths ranging between 4 m and 5 m located around and within the proposed



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Component	Description
	Kwagga powerline corridor. It is anticipated that a service road of approximately 4 m wide (usually only jeep tracks) will be required below the powerline.
Proximity to grid connection	As mentioned in Section A.1 above, this proposed 132 kV overhead powerline will facilitate the connection of the proposed authorised Kwagga WEF 3 to the existing Droërivier-Proteus 400 kV overhead transmission powerline, via the proposed authorised Eskom 132 kV Switching Station and the proposed authorised Beaufort West 132 kV-400 kV Linking Station. The proposed 132 kV powerline is located approximately 11 km east of the existing Droërivier-Proteus 400 kV overhead transmission powerline.

### **NEED FOR THE BA**

As noted above, in terms of the 2014 NEMA EIA Regulations published in GN R326, R327, R325 and R324, a BA process is required for the proposed powerline project. The need for the BA is triggered by, amongst others, the inclusion of Activity 11 listed in GN R327 (Listing Notice 1):

- *"The development of facilities or infrastructure for the transmission and distribution of electricity (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts".*

Section A of this Draft BA Report contains the detailed list of activities contained in GN R327 and R324 which are triggered by the various project components and thus form part of this BA Process.

The purpose of the BA is to identify, assess and report on any potential impacts relating to the proposed project, if implemented, may have on the receiving environment. The BA therefore needs to show the Competent Authority, the DFFE; and the Project Applicant, ABO Wind renewable energies (Pty) Ltd, what the consequences of their choices will be in terms of impacts on the biophysical and socio-economic environment and how such impacts can be, as far as possible, enhanced or mitigated and managed as the case may be.

### **IMPACT ASSESSMENT**

As indicated in Table A above, a total of seven specialist studies were undertaken as part of the BA Process. Two site sensitivity verification assessments were also undertaken for Civil Aviation and Defence.

The full specialist studies are provided in Appendix D of this Draft BA Report. Section B of this report provides a summary of the affected environment associated with these studies; and Section D provides a summary of the impact assessments conducted by the specialists.

A summary of the specialist studies is outlined below.

#### **Agriculture**

The Agriculture Compliance Statement was undertaken by Johann Lanz to inform the outcome of this BA from an agricultural and soils perspective. The complete Agriculture Compliance Statement is included in Appendix D.1 of the BA Report.

The proposed electrical grid infrastructure has insignificant agricultural impact for two reasons:

- There is no loss of future agricultural production potential under transmission powerlines because all agricultural activities that are viable in this environment, can continue completely unhindered underneath transmission powerlines. The direct, permanent, physical footprint of the development that has any potential to interfere with agriculture, including a service track below the lines, is insignificantly small within an agricultural environment of large farms with low density grazing.
- The affected land across the entire corridor has very limited agricultural production potential, anyway.

Two potential negative agricultural impacts have been identified. These impacts are described below and apply to these proposed powerline projects, and other associated infrastructure:

**DRAFT BASIC ASSESSMENT REPORT: Basic Assessment for the Proposed Construction of a 132 kV Overhead Transmission Powerline between the proposed authorised Kwagga Wind Energy Facility 1 and the proposed authorised Kwagga Wind Energy Facility 3 (i.e., Kwagga EGI Section 6), near Beaufort West in the Western Cape Province**

- Minimal disturbance to agricultural land use activities - This impact is relevant mainly in the construction and decommissioning phases. No further disturbance of agricultural land use occurs in the operational phase.
- Soil degradation - Soil can be degraded by impacts in three different ways: erosion; topsoil loss; and contamination. Erosion can occur as a result of the alteration of the land surface run-off characteristics, which can be caused by construction related land surface disturbance, vegetation removal, and the establishment of hard surface areas including roads. Loss of topsoil can result from poor topsoil management during construction related excavations. Hydrocarbon spillages from construction activities can contaminate soil. Soil degradation will reduce the ability of the soil to support vegetation growth. This impact is relevant only during the construction and decommissioning phases.

The potential cumulative agricultural impact of importance is a regional loss (including by degradation) of agricultural land, with a consequent decrease in agricultural production. There are a number of renewable energy developments that are leading to loss of agricultural grazing land in the area. However, because this overhead powerline itself leads to insignificant agricultural land loss, its cumulative impact must also logically be insignificant. It therefore does not make sense to conduct a more formal assessment of the development's cumulative impacts as per DFFE requirements for cumulative impacts. Much more electricity grid infrastructure than currently exists, or is currently proposed, can be accommodated before acceptable levels of change in terms of loss of production potential are exceeded. In reality, the landscape in this environment could be covered with powerlines and agricultural production potential would not be affected.

Due to the considerations discussed above, the cumulative impact of loss of future agricultural production potential can confidently be assessed as not having an unacceptable negative impact on the area. In terms of cumulative impact, the proposed development is therefore acceptable, and it is therefore recommended that it be approved.

Therefore, from an agricultural impact point of view, it is recommended that the proposed powerline development be approved.

**Visual Impact Assessment**

The Visual Impact Assessment was undertaken by Menno Klapwijk to inform the outcome of this BA from a visual perspective. The complete Visual Impact Assessment is included in Appendix D.2 of this BA Report.

The potential visual impacts resulting from the proposed powerline projects on landscape features and receptors are listed below for each of the project phases, including cumulative impacts. The potential visual impacts would be identical for each of the seven proposed powerlines. The impacts identified are direct and cumulative impacts. No indirect impacts have been identified.

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
<b>DIRECT IMPACTS - CONSTRUCTION PHASE</b>		
• Visual intrusion by 132 kV overhead transmission powerline and its associated electrical grid infrastructure on visual and landscape receptors	Low risk (Level 4)	Low risk (Level 4)
<b>DIRECT IMPACTS - OPERATIONAL PHASE</b>		
• Visual intrusion by 132 kV overhead transmission powerline and its associated electrical grid infrastructure on visual and landscape receptors	Moderate risk (Level 3)	Moderate risk (Level 3)
<b>DIRECT IMPACTS - DECOMMISSIONING PHASE</b>		
• Visual intrusion by 132 kV overhead transmission powerline and its associated electrical grid infrastructure on visual and landscape receptors	Low risk (Level 4)	Very low risk (Level 5)
<b>CUMULATIVE IMPACTS - CONSTRUCTION PHASE</b>		
• Visual intrusion by 132 kV overhead transmission powerline and its associated electrical grid infrastructure on visual and landscape receptors	Moderate risk (Level 3)	Low risk (Level 4)
<b>CUMULATIVE IMPACTS - OPERATIONAL PHASE</b>		
• Visual intrusion by 132 kV overhead transmission powerline and its associated electrical grid infrastructure on visual and landscape receptors	Moderate risk (Level 3)	Moderate risk (Level 3)

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Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
<b>CUMULATIVE IMPACTS - DECOMMISSIONING PHASE</b>		
• Visual intrusion by 132 kV overhead transmission powerline and its associated electrical grid infrastructure on visual and landscape receptors	Low risk (Level 4)	Very low risk (Level 5)

Overall, the Visual Impact Assessment concluded that there are no fatal flaws from a visual perspective arising from the proposed project, and it is therefore recommended that the proposed powerline project should receive authorisation, provided the mitigation measures are implemented as a condition of approval.

**Heritage Impact Assessment (Archaeology and Cultural Landscape)**

The Heritage Impact Assessment was undertaken by Dr Jayson Orton to inform the outcome of this BA from an archaeology and cultural landscape perspective. As noted above, an integrated Heritage Impact Assessment containing Archaeology, Cultural Landscape and Palaeontology has been undertaken for the project in line with the requirements of HWC. However, for ease of reference, this section only deals with the Archaeology and Cultural Landscape. The complete Heritage Impact Assessment is included in Appendix D.3 of this BA Report.

The potential impacts identified in the Heritage Impact Assessment include direct and cumulative impacts during the construction, operational and decommissioning phases. No indirect impacts are anticipated. The impacts identified are listed below.

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
<b>DIRECT IMPACTS - CONSTRUCTION PHASE</b>		
• Impact 1: Potential damage or destruction of archaeological materials/sites	Low risk (Level 4)	Very low risk (Level 5)
• Impact 2: Potential damage or destruction of graves	Low risk (Level 4)	Very low risk (Level 5)
• Impact 3: Intrusion of powerlines and electrical equipment into the cultural landscape	Very low risk (Level 5)	Very low risk (Level 5)
<b>DIRECT IMPACTS - OPERATIONAL PHASE</b>		
• Impact 4: Intrusion of powerlines and electrical equipment into the cultural landscape	Very low risk (Level 5)	Very low risk (Level 5)
<b>DIRECT IMPACTS - DECOMMISSIONING PHASE</b>		
• Impact 5: Intrusion of powerlines and electrical equipment into the cultural landscape	Very low risk (Level 5)	Very low risk (Level 5)
<b>CUMULATIVE IMPACTS – CONSTRUCTION, OPERATIONAL AND DECOMMISSIONING PHASES</b>		
• Impact 6: Potential damage or destruction of archaeological materials/sites, buildings and graves	Low risk (Level 4)	Very low risk (Level 5)
• Impact 7: Intrusion of powerlines and electrical equipment into the cultural landscape	Moderate (Level 3)	Moderate (Level 3)

The Heritage Impact Assessment concluded that there are no significant concerns for this project and, based on current information, there are no areas located within the assessed powerline corridor that require protection. Because no significant impacts to culturally significant heritage resources are anticipated and impacts of low significance can be easily managed or mitigated, it is recommended that the proposed powerline project be authorised in full.

**Heritage Impact Assessment (Palaeontology)**

The Palaeontology Impact Assessment was undertaken by Dr John Almond to inform the outcome of this BA from a palaeontological perspective. As noted above, an integrated Heritage Impact Assessment containing Archaeology, Cultural Landscape and Palaeontology has been undertaken for the project in line with the requirements of HWC. However, for ease of reference, this section only deals with the Palaeontology. The complete Heritage Impact Assessment is included in Appendix D.3 of this BA Report.

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The potential impacts identified during the Palaeontology Impact Assessment are the same for all seven proposed powerline projects. The key impacts on local palaeontological heritage resources identified are direct and relate to the potential disturbance, damage, destruction or sealing-in of scientifically-important and legally-protected fossils preserved at or beneath the surface of the ground due to construction phase excavations, and ground clearance. The impacts identified only apply to the construction phase of the proposed developments since further significant impacts on fossil heritage during the planning, operational and decommissioning phases of the powerlines are not anticipated. Cumulative impacts are also identified, as indicated below.

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
<b>DIRECT IMPACTS - CONSTRUCTION PHASE</b>		
• Disturbance, damage or destruction of fossils within the development footprint due to excavations and surface clearance	Low risk (Level 4)	Very low risk (Level 5)
<b>CUMULATIVE IMPACTS - CONSTRUCTION PHASE</b>		
• Disturbance, damage or destruction of fossils within the development footprint due to excavations and surface clearance	Moderate risk (Level 3)	Low risk (Level 4)

As a consequence of (1) the paucity of irreplaceable, unique or rare fossil remains within the development footprint, as well as (2) the extensive superficial sediment cover overlying most potentially-fossiliferous bedrocks within the proposed powerline corridor, the overall impact significance of the construction phase of the proposed powerlines regarding legally-protected palaeontological heritage resources is assessed as very low (negative status) with mitigation, and low (negative status) without mitigation. Confidence levels for this assessment are medium, given the generally low exposure levels of potentially-fossiliferous bedrocks.

In terms of cumulative impacts, it is concluded that as far as fossil heritage resources are concerned, the proposed powerline projects, whether considered individually or together, will not result in an unacceptable loss or unacceptable additional impacts, considering all the renewable energy projects and its associated electrical grid infrastructure proposed in the area. This analysis only applies provided that all the proposed monitoring and mitigation recommendations made for all these various projects are consistently and fully implemented.

Therefore, there are no identified fatal flaws and no objections on palaeontological heritage grounds to authorisation of the proposed powerline projects.

**Terrestrial Biodiversity and Species Impact Assessment**

The Terrestrial Biodiversity and Species Assessment was undertaken by Dr Noel van Rooyen and Prof Gretel van Rooyen to inform the outcome of this BA from a terrestrial biodiversity and species perspective. The complete Terrestrial Biodiversity and Species Assessment is included in Appendix D.4 of this BA Report.

The potential impacts identified as part of the Terrestrial Biodiversity and Species Assessment are the same for all seven proposed powerline projects. A number of direct, indirect and cumulative impacts on the localised and broader ecology of the region can be identified as a consequence of the implementation of the proposed project. These impacts are noted below.

**Construction Phase – Direct Impacts**

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 1: The clearing of natural vegetation	Low risk (Level 4)	Low risk (Level 4)
• Impact 2: The loss of threatened, protected & endemic plant and animal species	Low risk (Level 4)	Low risk (Level 4)
• Impact 3: Loss of faunal habitat	Low risk (Level 4)	Very Low risk (Level 5)
• Impact 4: Direct faunal mortalities	Low risk (Level 4)	Very Low risk (Level 5)
• Impact 5: Increased dust deposition	Low risk (Level 4)	Very Low risk (Level 5)

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Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 6: Increased human activity and noise levels	Moderate risk (Level 3)	Very Low risk (Level 5)

**Operational Phase – Direct Impacts**

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 7: Direct faunal mortalities	Very Low risk (Level 5)	Very Low risk (Level 5)

**Decommissioning Phase – Direct Impacts**

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 8: Direct faunal mortalities	Low risk (Level 4)	Very Low risk (Level 5)
• Impact 9: Increased dust deposition	Low risk (Level 4)	Very Low risk (Level 5)

**Construction Phase - Indirect Impacts**

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 10: Establishment of alien vegetation	Low risk (Level 4)	Very Low risk (Level 5)
• Impact 11: Increased erosion and water run-off	Low risk (Level 4)	Very Low risk (Level 5)

**Operational Phase - Indirect Impacts**

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 12: Establishment of alien vegetation	Low risk (Level 4)	Very Low risk (Level 5)
• Impact 13: Increased erosion and water run-off	Low risk (Level 4)	Very Low risk (Level 5)

**Construction and Operational Phases – Cumulative Impacts**

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 14: Loss of vegetation, habitat and threatened species	Moderate risk (Level 3)	Low risk (Level 4)
• Impact 15: Compromising integrity of CBA, ESA and NPAES	Moderate risk (Level 3)	Low risk (Level 4)
• Impact 16: Reduced ability to meet conservation obligations & targets	Moderate risk (Level 3)	Low risk (Level 4)
• Impact 17: Loss of landscape connectivity and disruption of broad-scale ecological processes	Low risk (Level 4)	Low risk (Level 4)

The overall impact significance (with the implementation of mitigation measures) associated with the proposed powerline project was rated as low to very low during the construction, operational and decommissioning phases for direct impacts. The same trend applies to the cumulative and indirect impacts.

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Given the low impact significance and low sensitivity rating for many of the habitats means the project could go ahead without major constraints, provided the mitigation measures and management actions proposed to conserve protected fauna and flora on the site are taken into consideration. The specialists thus recommend authorisation of the project provided all mitigation measures are implemented.

***Aquatic Biodiversity Impact Assessment***

The Aquatic Biodiversity Impact Assessment was undertaken by Antonia Belcher to inform the outcome of this BA from an aquatic biodiversity perspective. The complete Aquatic Biodiversity Assessment is included in Appendix D.5 of this BA Report.

The potential impacts identified as part of the Aquatic Biodiversity Impact Assessment are the same for all seven proposed powerline projects. A number of direct, indirect and cumulative impacts on the localised and broader ecology of the region can be identified as a consequence of the implementation of the proposed project. These impacts are noted below.

***Construction Phase – Direct Impacts***

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 1: Disturbance of aquatic habitats within the watercourses with the associated impact to sensitive aquatic biota	Very Low (Level 5)	Very Low (Level 5)
• Impact 2: Increased sedimentation and risks of contamination of surface water runoff during construction	Very Low (Level 5)	Very Low (Level 5)
• Impact 3: Demand for water for construction could place stress on the existing available water resources	Very Low (Level 5)	Very Low (Level 5)

***Operational Phase – Direct Impacts***

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 4: Ongoing disturbance of aquatic features and associated vegetation along access roads or adjacent to the infrastructure that needs to be maintained	Very Low (Level 5)	Very Low (Level 5)
• Impact 5: Disturbance of cover vegetation and soil and modified runoff characteristics that have the potential to result in erosion of hillslopes and watercourses and invasion of disturbed areas with alien vegetation	Very Low (Level 5)	Very Low (Level 5)

***Decommissioning Phase – Direct Impacts***

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 6: Increased disturbance of aquatic habitat due to the increased activity on the site	Very Low (Level 5)	Very Low (Level 5)
• Impact 7: Increased sedimentation and risks of contamination of surface water runoff	Very Low (Level 5)	Very Low (Level 5)

***Construction, Operational and Decommissioning Phases – Cumulative Impacts***

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
• Impact 8: Increased disturbance of aquatic habitat due to the increased activity in the wider area	Very Low (Level 5)	Very Low (Level 5)
• Impact 9: Degradation of ecological condition of aquatic ecosystems	Very Low (Level 5)	Very Low (Level 5)
• Impact 10: Increased disturbance of aquatic habitat due to the increased activity in the wider area	Very Low (Level 5)	Very Low (Level 5)

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The Aquatic Biodiversity Impact Assessment has concluded that there is no reason from a freshwater perspective, why the proposed activity (with the implementation of the above-mentioned mitigation measures) should not be authorized. The proposed powerline is located in high-lying areas where limited aquatic features occur. It is also possible to span the watercourses where the proposed powerline needs to cross them.

Therefore, the potential aquatic ecosystem impacts of the proposed powerline are thus likely to be Very Low in terms of any potential impact on aquatic ecosystem integrity for all phases of the proposed development as the proposed works avoid the delineated aquatic features as well as the recommended buffer area.

**Avifauna Assessment**

The Avifauna Impact Assessment was undertaken by Chris van Rooyen and Albert Froneman to inform the outcome of this BA from an avifaunal perspective. The complete Avifauna Impact Assessment is included in Appendix D.6 of this BA Report.

The potential impacts identified during the Avifauna Impact Assessment are the same for all seven proposed powerline projects. The following direct and cumulative impacts for the construction, operational and decommissioning phases were identified.

Impact	Significance / Ranking (Pre-Mitigation)	Significance / Ranking (Post-Mitigation)
<b>DIRECT IMPACTS - CONSTRUCTION PHASE</b>		
• Impact 1: Displacement due to disturbance associated with the construction of the 132 kV grid connection and associated substations	Moderate risk (Level 3)	Low risk (Level 4)
• Impact 2: Displacement due to habitat transformation associated with the construction of the 132 kV grid connection and associated substations	Low risk (Level 4)	Low risk (Level 4)
<b>DIRECT IMPACTS - OPERATIONAL PHASE</b>		
• Impact 1: Mortality of powerline sensitive avifauna through electrocution in the on-site substations	Low risk (Level 4)	Very low risk (Level 5)
• Impact 2: Collision mortality of powerline sensitive species due to the 132 kV grid connections	High risk (Level 2)	Moderate risk (Level 3)
<b>DIRECT IMPACTS - DECOMMISSIONING PHASE</b>		
• Impact 1: The noise and movement associated with the activities at the study area will be a source of disturbance which would lead to the displacement of avifauna from the area	Moderate risk (Level 3)	Low risk (Level 4)
<b>CUMULATIVE IMPACTS - CONSTRUCTION PHASE</b>		
• Impact 1: Displacement due to disturbance associated with the construction of the 132 kV grid connection and associated substations	Moderate risk (Level 3)	Low risk (Level 4)
• Impact 2: Displacement due to habitat transformation associated with the construction of the 132 kV grid connection and associated substations	Moderate risk (Level 3)	Low risk (Level 4)
<b>CUMULATIVE IMPACTS - OPERATIONAL PHASE</b>		
• Impact 3: Mortality of powerline sensitive avifauna through electrocution in the on-site substations	Low risk (Level 4)	Very low risk (Level 5)
• Impact 4: Collision mortality of powerline sensitive species due to the 132 kV grid connections	High risk (Level 2)	Moderate risk (Level 3)
<b>CUMULATIVE IMPACTS - DECOMMISSIONING PHASE</b>		
• Impact 5: The noise and movement associated with the activities at the study area will be a source of disturbance which would lead to the displacement of avifauna from the area	Moderate risk (Level 3)	Low risk (Level 4)

The expected impacts of the proposed powerline construction were rated to be Low to Moderate negative pre-mitigation. However, with appropriate mitigation, the overall post-mitigation significance of all the identified impacts for should be reduced to Low for all phases of the project. It is therefore recommended that the activity is authorised, on condition that the proposed mitigation measures as detailed in the Avifauna Impact Assessment and included in the Environmental Management Programme (EMPr) are strictly implemented.

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### EAP'S RECOMMENDATION

No negative impacts have been identified within this BA that, in the opinion of the EAPs who have conducted this BA Process, should be considered "fatal flaws" from an environmental perspective, and thereby necessitate substantial re-design or termination of the project. This echoes the findings of the specialists as summarised above.

Section 24 of the Constitutional Act states that "everyone has the right to an environment that is not harmful to their health or well-being and to have the environment protected, for the benefit of present and future generations, through reasonable legislative and other measures, that prevents pollution and ecological degradation; promotes conservation; and secures ecologically sustainable development and use of natural resources while promoting justifiable economic and social development." Based on this, this BA was undertaken to ensure that these principles are met through the inclusion of appropriate management and mitigation measures, and monitoring requirements. These measures will be undertaken to promote conservation by avoiding the sensitive environmental features present on site and through appropriate monitoring and management plans (refer to the Environmental Management Programme (EMPr) included in Appendix G of this BA Report).

It is understood that the information contained in this BA Report and appendices is sufficient to make a decision in respect of the activity applied for.

### SUMMARY OF KEY IMPACT ASSESSMENT FINDINGS

Based on the findings of the specialist assessments, the proposed powerline project is considered to have an overall **Low to Very Low** negative environmental impact (with the implementation of respective mitigation and enhancement measures). Table C below provides a summary of the impact assessment for the proposed project post-mitigation for direct negative impacts. Table D provides the same information for the cumulative impacts.

As indicated in Table C, it is clear that all of the direct negative impacts were rated with a **Low to Very Low** post-mitigation impact significance for the construction phase. In terms of the operational phase, the majority of the direct negative impacts were rated with a **Low to Very Low** post mitigation impact significance, with only the Visual impacts being rated as **Moderate**. All of the direct negative impacts were rated with a **Low to Very Low** post-mitigation impact significance for the decommissioning phase.

Based on Table D, the majority of the cumulative negative impacts were rated with a **Low to Very Low** post mitigation impact significance for the construction phase, with only the Heritage impacts (Archaeology and Cultural Landscape) and Palaeontology impacts being rated as **Moderate**. A similar trend is applicable to the operational phase, with Heritage impacts (Archaeology and Cultural Landscape) and Visual impacts being rated as **Moderate**. During the decommissioning phase, the majority of cumulative impacts were rated with a **Low to Very Low** post mitigation impact significance, with only the Heritage impacts (Archaeology and Cultural Landscape) being rated as **Moderate**.

**Table C. Overall Impact Significance with the Implementation of Mitigation Measures for Direct Negative Impacts for the Kwagga EGI Projects**

Specialist Assessment	Construction Phase	Operational Phase	Decommissioning Phase
<b>DIRECT NEGATIVE IMPACTS</b>			
Visual	Low	Moderate	Very Low
Heritage (Archaeology and Cultural Landscape)	Very Low	Very Low	Very Low
Palaeontology	Low	Insignificant	Insignificant
Terrestrial Biodiversity and Species	Low	Very Low	Very Low
Aquatic Biodiversity	Very Low	Very Low	Very Low
Avifauna	Low	Low	Low



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**Table D. Overall Impact Significance with the Implementation of Mitigation Measures for Cumulative Negative Impacts for the Kwagga EGI Projects**

Specialist Assessment	Construction Phase	Operational Phase	Decommissioning Phase
<b>CUMULATIVE NEGATIVE IMPACTS</b>			
Visual	Low	Moderate	Very Low
Heritage (Archaeology and Cultural Landscape)	Moderate	Moderate	Moderate
Palaeontology	Moderate	Insignificant	Insignificant
Terrestrial Biodiversity and Species	Low	Low	Low
Aquatic Biodiversity	Very Low	Very Low	Very Low
Avifauna	Low	Low	Low

All of the specialists have recommended that the proposed project receives EA if the recommended mitigation measures are implemented.

#### OVERALL ENVIRONMENTAL IMPACT STATEMENT

Taking into consideration the findings of this BA process, as well as the location of the proposed powerline project (i.e., 132 kV Overhead Powerline Section 6 of the Kwagga EGI corridor) in close proximity to the Beaufort West REDZ, it is the opinion of the EAP, that the project benefits outweigh the costs and that the project will make a positive contribution to sustainable infrastructure development in the Gamka Karoo, and Beaufort West and Prince Albert regions.

Provided that the specified mitigation measures are applied effectively, it is recommended that the proposed powerline project receive EA in terms of the 2014 EIA Regulations (as amended) promulgated under the NEMA.

#### CUMULATIVE ENVIRONMENTAL IMPACT STATEMENT

The cumulative impacts have been assessed by all the specialists on the project team. The cumulative assessment included approved renewable energy projects within a 50 km radius of the powerline corridor, as well as existing and planned transmission lines, as well as the three proposed authorised Kwagga WEF 1-3 projects. No cumulative impacts have been identified that were considered to be fatal flaws. The specialists recommended that the powerline project receive EA in terms of the EIA Regulations promulgated under the NEMA, including consideration of cumulative impacts. It is also important to note that the proposed powerline corridor is located in close proximity to the gazetted Beaufort West REDZ, which supports the development of large-scale wind and solar energy developments. The proposed powerline corridor is also located in close proximity to the gazetted Central Strategic Transmission Corridor, as well as the existing Droërivier-Proteus 400 kV Overhead Transmission Powerline. The proposed powerline project is therefore in line with the national planning vision for wind and solar development, as well as electricity transmission and distribution expansion in South Africa.

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**Summary of where requirements of Appendix 1 of the 2014 NEMA EIA Regulations (as amended, GN R326) are provided in this BA Report**

<u>Appendix 1</u>	<u>YES / NO</u>	<u>SECTION IN BA REPORT</u>
<p>Objective of the basic assessment process</p> <p>2) The objective of the basic assessment process is to, through a consultative process-</p> <p>a) determine the policy and legislative context within which the proposed activity is located and how the activity complies with and responds to the policy and legislative context;</p> <p>b) identify the alternatives considered, including the activity, location, and technology alternatives;</p> <p>c) describe the need and desirability of the proposed alternatives;</p> <p>d) through the undertaking of an impact and risk assessment process inclusive of cumulative impacts which focused on determining the geographical, physical, biological, social, economic, heritage, and cultural sensitivity of the sites and locations within sites and the risk of impact of the proposed activity and technology alternatives on these aspects to determine-</p> <p>(i) the nature, significance, consequence, extent, duration, and probability of the impacts occurring to; and</p> <p>(ii) the degree to which these impacts-</p> <p>(aa) can be reversed;</p> <p>(bb) may cause irreplaceable loss of resources; and</p> <p>(cc) can be avoided, managed or mitigated; and</p> <p>e) through a ranking of the site sensitivities and possible impacts the activity and technology alternatives will impose on the sites and location identified through the life of the activity to-</p> <p>(i) identify and motivate a preferred site, activity and technology alternative;</p> <p>(ii) identify suitable measures to avoid, manage or mitigate identified impacts; and</p> <p>(iii) identify residual risks that need to be managed and monitored.</p>	Yes	<p>Section A of the report includes the introduction, legislative review, alternatives assessment and needs and desirability</p> <p>Section D of the report includes a summary of the specialist studies and associated impact assessments undertaken</p>
<p>Scope of assessment and content of basic assessment reports</p> <p>3) (1) A basic assessment report must contain the information that is necessary for the competent authority to consider and come to a decision on the application, and must include:</p> <p>(a) details of:</p> <p>(i) the EAP who prepared the report; and</p> <p>(ii) the expertise of the EAP, including a curriculum vitae;</p>	Yes	Section A.4 and Appendix A
<p>(b) the location of the activity, including:</p> <p>(i) the 21-digit Surveyor General code of each cadastral land parcel;</p> <p>(ii) where available, the physical address and farm name;</p> <p>(iii) where the required information in items (i) and (ii) is not available, the coordinates of the boundary of the property or properties;</p>	Yes	Section A.1, Section A.6, Section A.7 and Section B.1
<p>(c) a plan which locates the proposed activity or activities applied for as well as associated structures and infrastructure at an appropriate scale; or, if it is-</p> <p>(i) a linear activity, a description and coordinates of the corridor in which the proposed activity or activities is to be undertaken; or</p> <p>(ii) on land where the property has not been defined, the coordinates within which the activity is to be undertaken;</p>	Yes	Section A.1, Section A.6 and Appendix C
<p>(d) a description of the scope of the proposed activity, including all listed and specified activities triggered and being applied for; and a description of the activities to be undertaken including associated structures and infrastructure;</p>	Yes	Section A.5, Section A.7 and Section A.11
<p>(e) a description of the policy and legislative context within which the development is proposed including-</p>	Yes	Section A.10

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<b>Appendix 1</b>	<b>YES / NO</b>	<b>SECTION IN BA REPORT</b>
(i) an identification of all legislation, policies, plans, guidelines, spatial tools, municipal development planning frameworks, and Instruments that are applicable to this activity and have been considered in the preparation of the report; and (ii) how the proposed activity complies with and responds to the legislation and policy context, plans, guidelines, tools frameworks, and Instruments;		
f) a motivation for the need and desirability for the proposed development including the need and desirability of the activity in the context of the preferred location;	Yes	Section A.5 and Section A.14
(g) a motivation for the preferred site, activity and technology alternative;	Yes	Section A.13
(h) A full description of the process followed to reach the proposed preferred alternative within the site, including - (i) details of all the alternatives considered;	Yes	Section A.13
(ii) details of the public participation process undertaken in terms of regulation 41 of the Regulations, including copies of the supporting documents and inputs;	Yes	Section C and Appendix E
(iii) a summary of the issues raised by interested and affected parties, and an indication of the manner in which the issues were incorporated, or the reasons for not including them;	Yes	Section C
(iv) the environmental attributes associated with the alternatives focusing on the geographical, physical, biological, social, economic, heritage and cultural aspects;	Yes	Section A.13 and Section B
(v) the impacts and risks identified for each alternative, including the nature, significance, consequence, extent, duration and probability of the impacts, including the degree to which these impacts (aa) can be reversed; (bb) may cause irreplaceable loss of resources; and (cc) can be avoided, managed or mitigated;	Yes	Section A.13 and Section D
(vi) the methodology used in determining and ranking the nature, significance, consequences, extent, duration and probability of potential environmental impacts and risks associated with the alternatives;	Yes	
(vii) positive and negative impacts that the proposed activity and alternatives will have on the environment and on the community that may be affected focusing on the geographical, physical, biological, social, economic, heritage and cultural aspects;	Yes	
(viii) the possible mitigation measures that could be applied and level of residual risk;	Yes	
(ix) the outcome of the site selection matrix;	Yes	
(x) if no alternatives, including alternative locations for the activity were investigated, the motivation for not considering such; and (xi) a concluding statement indicating the preferred alternatives, including preferred location of the activity.	Yes	Section A.13
(i) a full description of the process undertaken to identify, assess and rank the impacts the activity will impose on the preferred location through the life of the activity, including- (i) a description of all environmental issues and risks that were identified during the environmental impact assessment process; and (ii) an assessment of the significance of each issue and risk and an indication of the extent to which the issue and risk could be avoided or addressed by the adoption of mitigation measures;	Yes	Section A.13
(j) an assessment of each identified potentially significant impact and risk, including- (i) cumulative impacts; (ii) the nature, significance and consequences of the impact and risk; (iii) the extent and duration of the impact and risk; (iv) the probability of the impact and risk occurring; (v) the degree to which the impact and risk can be reversed;	Yes	Section D and Appendix C

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

DRAFT BASIC ASSESSMENT REPORT: Basic Assessment for the Proposed Construction of a 132 kV Overhead Transmission Powerline between the proposed authorised Kwagga Wind Energy Facility 1 and the proposed authorised Kwagga Wind Energy Facility 3 (i.e., Kwagga EGI Section 6), near Beaufort West in the Western Cape Province

Appendix 1	YES / NO	SECTION IN BA REPORT
(vi) the degree to which the impact and risk may cause irreplaceable loss of resources; and (vii) the degree to which the impact and risk can be avoided, managed or mitigated;		
(k) where applicable, a summary of the findings and impact management measures identified in any specialist report complying with Appendix 6 to these Regulations and an indication as to how these findings and recommendations have been included in the final report;	Yes	Section D and Section E
(l) an environmental impact statement which contains- (i) a summary of the key findings of the environmental impact assessment; (ii) a map at an appropriate scale which superimposes the proposed activity and its associated structures and infrastructure on the environmental sensitivities of the preferred site indicating any areas that should be avoided, including buffers; and (iii) a summary of the positive and negative impacts and risks of the proposed activity and identified alternatives;	Yes	Section E
(m) based on the assessment, and where applicable, impact management measures from specialist reports, the recording of the proposed impact management outcomes for the development for inclusion in the EMP;	Yes	Section D and Appendix G
(n) any aspects which were conditional to the findings of the assessment either by the EAP or specialist which are to be included as conditions of authorisation;	Yes	Section E
(o) a description of any assumptions, uncertainties, and gaps in knowledge which relate to the assessment and mitigation measures proposed;	Yes	Please refer to each specialist study included in Appendix D
(p) a reasoned opinion as to whether the proposed activity should or should not be authorised, and if the opinion is that it should be authorised, any conditions that should be made in respect of that authorisation;	Yes	Section E
(q) where the proposed activity does not include operational aspects, the period for which the environmental authorisation is required, the date on which the activity will be concluded, and the post construction monitoring requirements finalised;	X	N/A
(r) an undertaking under oath or affirmation by the EAP in relation to - (i) the correctness of the information provided in the reports; (ii) the inclusion of comments and inputs from stakeholders and I&APs; (iii) the inclusion of inputs and recommendations from the specialist reports where relevant; and (iv) any information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs made by interested and affected parties; and	Yes	Appendix A
(s) where applicable, details of any financial provisions for the rehabilitation, closure, and ongoing post decommissioning management of negative environmental impacts;	X	N/A
(t) any specific information that may be required by the competent authority; and	X	N/A
(u) any other matters required in terms of section 24(4)(a) and (b) of the Act.	X	N/A
2) Where a government notice gazetted by the Minister provides for the basic assessment process to be followed, the requirements as indicated in such a notice will apply.	Yes	Refer to Section A.10 for a breakdown of the relevant gazettes that are applicable.

**Email 1 sent to all I&APs, Stakeholders and Organs of State on 11 July 2022**

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**From:** EMS  
**Sent:** Monday, July 11, 2022 2:00 AM  
**To:** EMS  
**Subject:** Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape  
**Attachments:** Kwagga EGI\_Executive Summaries\_DBAR\_July2022.zip; Cover Letter to I&APs\_DBAR\_Kwagga EGI 1-7.pdf

Dear Interested and Affected Party / Stakeholder,

**RE: NOTIFICATION OF THE RELEASE OF THE DRAFT BASIC ASSESSMENT REPORTS FOR A 30-DAYS COMMENTING PERIOD FOR THE PROPOSED DEVELOPMENT OF SEVEN 132 kV OVERHEAD TRANSMISSION POWERLINES IN SUPPORT OF THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITIES 1-3, AND ITS ASSOCIATED INFRASTRUCTURE, NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE**

The National Department of Forestry, Fisheries and the Environment (DFFE) has granted Environmental Authorisation (EA) for the proposed Kwagga WEF 1 (DFFE Ref: 14-12-16-3-3-2-2070), Kwagga WEF 2 (DFFE Ref: 14-12-16-3-3-2-2071) and Kwagga WEF 3 (DFFE Ref: 14-12-16-3-3-2-2072) projects on 7 April 2022 i.e. one for each WEF and its associated infrastructure. The Scoping and Environmental Impact Assessment (S&EIA) processes that were undertaken for the abovementioned WEFs extended from May 2021 to April 2022.

In order to facilitate the connection of the abovementioned authorised Kwagga WEF 1, Kwagga WEF 2 and Kwagga WEF 3 projects to the national electrical grid network, the Project Applicant, ABO Wind renewable energies (Pty) Ltd is proposing the construction of seven 132 kilovolt (kV) overhead transmission powerlines and its associated electrical grid infrastructure between the proposed authorised Beaufort West 132 kV-400 kV Linking Station (DFFE Ref: 14-12-16-3-3-2-925-1) and the aforementioned Kwagga WEFs, via the proposed authorised Eskom 132 kV Switching Substation (DFFE Ref: 14-12-16-3-3-1-2465). It is anticipated that the electricity generated by the proposed authorised Kwagga WEFs will be evacuated via these proposed 132 kV overhead transmission powerlines into the existing Droërivier-Proteus 400 kV overhead transmission powerline that runs parallel to the N12 in a north-south direction.

The three approved Kwagga WEFs, including the seven proposed 132 kV overhead transmission powerlines (i.e., Kwagga EGI Sections 1 to 7) projects will be located approximately 60 km south of the Beaufort West town in the Western Cape Province. The entire powerline corridor traverses both the Prince Albert Local Municipality and the Beaufort West Local Municipality, with the exception of the Kwagga EGI Section 1, which is only located in the Prince Albert Local Municipality.

The seven proposed 132 kV overhead transmission powerlines require their own separate respective Environmental Authorisation (EAs) from the National DFFE, which are subject to separate respective BA Processes in terms of the NEMA and the 2014 National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) Environmental Impact Assessment (EIA) Regulations Listing Notices 1 and 3 (as amended). Therefore, seven separate BA Processes are being undertaken for each of the seven proposed 132 kV overhead transmission powerline projects. Seven (7) separate Applications for EA and seven (7) separate BA Reports, i.e., one for each proposed powerline project, have been compiled and will be submitted to the National DFFE for decision-making. As all seven these proposed powerline projects are in the same geographical area and will be situated on adjoining farm properties, an integrated Public Participation Process is being undertaken for these seven BAs.

The Council of Scientific and Industrial Research (CSIR) has been appointed by ABO Wind renewable energies (Pty) Ltd, as the independent Environmental Assessment Practitioner (EAP), to undertake the required BA Processes and manage the integrated Public Participation Process for the proposed projects.

Notice is hereby given of the commencement of the public participation process for the proposed projects. The Draft BA Report for each respective project is made available for review and comment for a period of 30-days, extending from **11 July 2022 to 11 August 2022**, excluding public holidays.

The Draft BA Reports can be accessed from the project website and Google Drive; weblinks are provided below:

- <https://www.csir.co.za/environmental-impact-assessment>

- <https://drive.google.com/drive/folders/1I2-WamNa-A0FmuHDAxbCv4GIVyK2ds5c?usp=sharing>

Please refer to the attached notification letter for more information on the proposed powerline projects. Also, Executive Summaries of the BA Reports are hereto attached for ease of reference.

You are kindly invited to register your interest in these proposed projects, and submit any written comments you may have on the Draft BA Reports to the EAP at the CSIR. Comments should be sent to the CSIR at the contact details provided below and in the attached letter. For comments to be included in the Final BA Reports, comments should reach the CSIR no later than **11 August 2022**.

**Council of Scientific and Industrial Research (CSIR)**  
Attention: **Dhiveshni Moodley**  
Postal address: PO Box 320, Stellenbosch, 7599 (*if using post please call CSIR to notify us of your submission*)  
Tel: 074 890 0103  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za) (please use "Kwagga EGI Powerlines" as the subject)

Note that copies of all comments received from I&APs and stakeholders during the 30-days review of the Draft BA Reports will be incorporated into a Comments and Responses Report, and included in the Final BA Reports, which will then be submitted to the National DFFE for decision-making in line with Regulation 19 and 20 of the 2014 NEMA EIA Regulations (as amended).

Please do not hesitate to contact us should you have any queries relating to the above or should you struggle to access the documentation at the links provided above.

Kind Regards,  
The CSIR BA Project Team

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

**Proof of Delivery of Email 1 sent to all I&APs, Stakeholders and Organs of State on 11 July 2022**

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APPENDIX E – PUBLIC PARTICIPATION





**FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province**

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☉	postmaster@birdlife.org.za [You don't often get email from postmaster@birdlife.org.za. Learn why this is important < <a href="https://aka.ms/LearnAboutSenderIdentification">https://aka.ms/LearnAboutSenderIdentification</a> >]	Delivered: RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ... Mon 11 Jul 2022 13:45	129 KB	This message has been archiv...

APPENDIX E – PUBLIC PARTICIPATION



### **Proof of Submission of the Draft BA Report to the DFFE**

**From:** EMS  
**Sent:** Monday, July 11, 2022 1:41 AM  
**To:** EIA Applications  
**Cc:** Lizande Kellerman; Rob Invernizzi; Juliet Mahlangu; Nyiko Nkosi; Dr. Danie Smit; DEADPEIAAdmin.George@westerncape.gov.za; Gavin.Benjamin; Dhiveshni Moodley  
**Subject:** Application for EA and Draft BA Report Submission for the 132 kV Overhead Powerline between the authorised Kwagga Wind Energy Facility 1 and the authorised Kwagga Wind Energy Facility 3, near Beaufort West, Western Cape  
**Attachments:** Proof of Submission to DFFE\_DBAR\_Kwagga EGI Project 6\_11Jul2022.JPG; 01 Cover Letter to DFFE\_DBAR\_Kwagga EGI Project 6.pdf; 03 Document Control Form\_DBAR\_Kwagga EGI- Project 6.pdf; 10 KWAGGA EGI PROJECT 6\_DBAR\_EXEC SUMMARY\_July2022.pdf

Good day,

**REF: BASIC ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF THE 132 KV OVERHEAD POWERLINE BETWEEN THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITY 1 AND THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITY 3, NEAR BEAUFORT WEST, WESTERN CAPE**

Kindly note that an Application for Environmental Authorisation (EA) and the Draft BA Report, inclusive of all supporting appendices, as well as a Cover Letter for the above proposed powerline project has been uploaded to the Novell S-Filr system.

The Draft BA Report for the proposed powerline project is also being made available to stakeholders and registered Interested and Affected Parties (I&APs) for a 30-day comment period extending from 11 July 2022 to 11 August 2022 (excluding public holidays).

Please note that a pre-application meeting took place with the Competent Authority, the National Department of Forestry, Fisheries and the Environment (DFFE) on 18 May 2022 (Reference Number: 2022-05-0008), in order to discuss and agree on various aspects with the DFFE prior to release of the Draft BA Report. Refer to Appendix 1 of the Application for EA for the proof of such correspondence from the Case Officer, as well as Appendix F of the Draft BA Report.

The proposed project forms part of a suite of seven 132 kV overhead transmission powerlines which are being proposed to facilitate the connection of the proposed authorised Kwagga Wind Energy Facilities 1-3 to the existing Droërivier-Proteus 400 kV overhead transmission powerline, via the proposed authorised Eskom 132 kV Switching Substation and the proposed authorised Beaufort West 132 kV-400 kV Linking Station.

Seven separate Applications for EA and seven separate Draft BA Reports for 132 kV powerline projects have been compiled and are being uploaded to the system in parallel (separate emails are being sent for these).

The relevant DFFE officials have been copied on this email.

This submission is in line with the "Process for Submitting files to the CD IEA\_052022" document. To this end, please find attached to this email:

1. Proof of upload of the Application for EA, Draft BA Report and Appendices (i.e. Screenshot of the upload); and
2. Document Control Form.

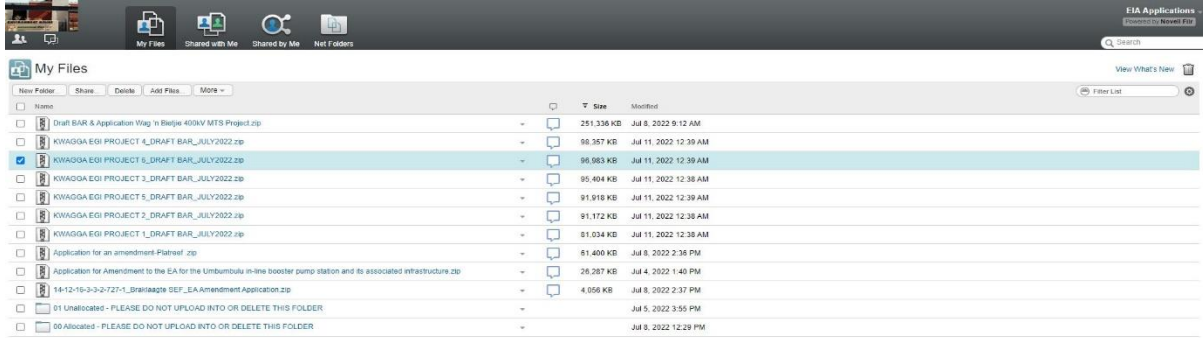
Kindly note that a Cover Letter has been compiled and is included as part of the zipped folder uploaded.

We trust that you find this submission in order, and we look forward to your feedback. Please do not hesitate to contact us should you have any queries relating to the above.

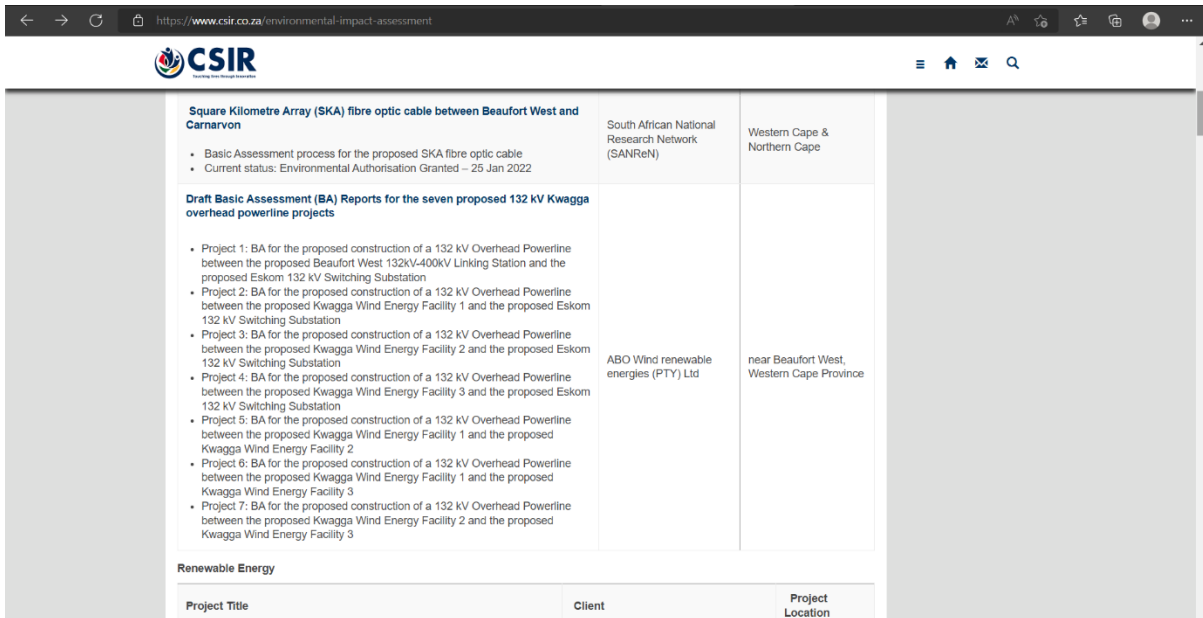
Thank you and kind regards,  
CSIR BA Project Team

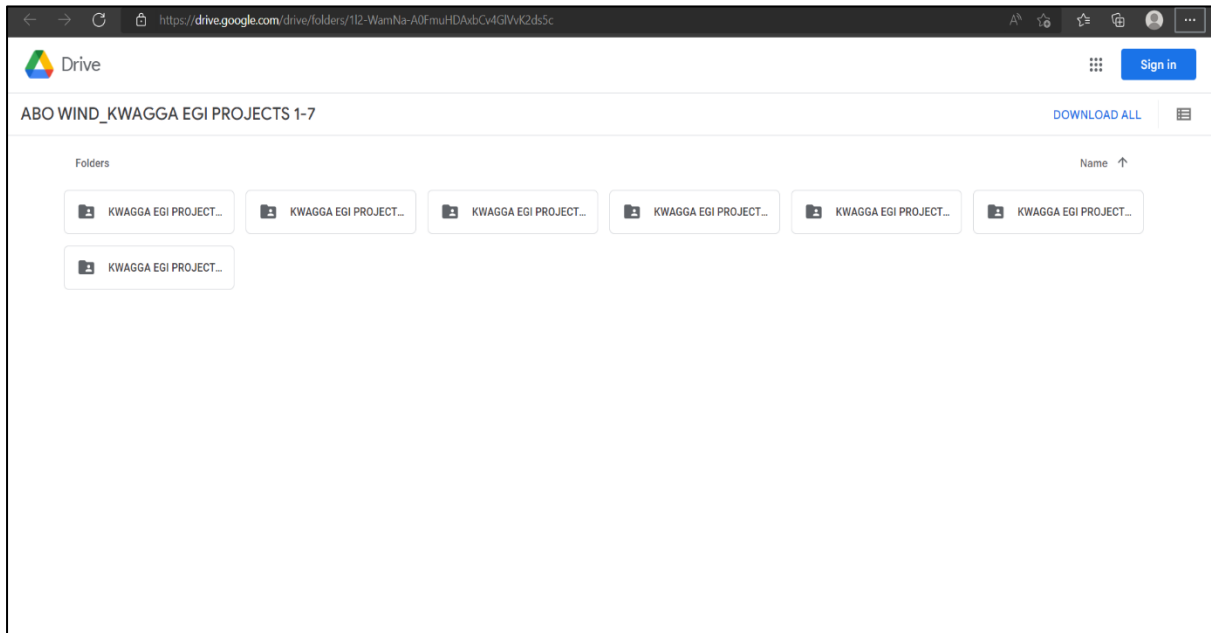
### **Proof of Upload of Draft BA Report to the DFFE Novell Filr System**

**FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province**



**Proof of Upload of Draft BA Report to the Project Website and Google Drive**





**Proof of Text Message to registered I&APs sent on 11 June 2022**

Copy of text sent:

**SMS: Dear Stakeholder, the Draft BA Reports for the seven proposed 132 kV Kwagga overhead powerline projects near Beaufort West are now available for comment until 11 August 2022. Visit [https://bit.ly/KWAGGA\\_EGI1-7\\_DBAR](https://bit.ly/KWAGGA_EGI1-7_DBAR) or [https://bit.ly/CSIR\\_EIA](https://bit.ly/CSIR_EIA) to access the reports. To send queries/comments or to opt out of future communication on these projects, email [ems@csir.co.za](mailto:ems@csir.co.za). Regards, CSIR EMS Team ([https://bit.ly/CSIR\\_privacy](https://bit.ly/CSIR_privacy))**

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11 07 2022 15:18	1397586200	27829027166	Delivered to mobile
11 07 2022 15:18	1397586200	27834173671	Delivered to mobile
11 07 2022 15:18	1397586200	27828082737	Delivered to mobile
11 07 2022 15:18	1397586200	27664357642	Delivered to mobile
11 07 2022 15:18	1397586200	27824455059	Delivery failed

**Email 2 sent to registered I&APs, Stakeholders and Organs of State on 02 August 2022 (Follow Up and Reminder of Comment)**

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**From:** EMS  
**Sent:** Tuesday, August 2, 2022 12:28 PM  
**To:** EMS  
**Subject:** FW: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Interest and/or Affected Party,

**Proof of Delivery of Email 2 sent to all I&APs, Stakeholders and Organs of State on 21 June 2021**

**FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province**

**Proof of Delivery of Email 2 sent to all I&APs, Stakeholders and Organs of State on 02 August 2022 (Follow Up and Reminder of Comment)**

☞	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notif...	Relayed: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associat... Tue 02 Aug 2022 09:08	111 KB	This message has been archived...
☞	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notif...	Relayed: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associat... Tue 02 Aug 2022 09:08	83 KB	This message has been archived...
☞	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below. For further assistance, please send mail to postmaster. If you do so, p...	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:08	38 KB	This message has been archived...
☞	postmaster@transnet.net You don't often get email from postmaster@transnet.net. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:08	187 KB	This message has been archived...
☞	Mail Delivery System [You don't often get email from mailer-daemon@hostserv.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]	Relayed: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associat... Tue 02 Aug 2022 09:07	75 KB	This message has been archived...
☞	postmaster@cellc.co.za [The e-mail server of the sender could not be verified (SPF Record)]	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:07	162 KB	This message has been archived...
☞	postmaster@dalrrd.gov.za [The e-mail server of the sender could not be verified (SPF Record)]	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:07	127 KB	This message has been archived...
☞	postmaster@ShellCorp.onmicrosoft.com You don't often get email from postmaster@shellcorp.onmicrosoft.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	138 KB	This message has been archived...
☞	postmaster@telkom.co.za You don't often get email from postmaster@telkom.co.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:07	182 KB	This message has been archived...
☞	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notif...	Relayed: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associat... Tue 02 Aug 2022 09:07	80 KB	This message has been archived...
☞	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below. For further assistance, please send mail to postmaster. If you do so, p...	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:07	36 KB	This message has been archived...
☞	postmaster@aifa.co.za You don't often get email from postmaster@aifa.co.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	127 KB	This message has been archived...
☞	postmaster@cellc.co.za [The e-mail server of the sender could not be verified (SPF Record)]	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:07	161 KB	This message has been archived...
☞	Microsoft Outlook [The e-mail server of the sender could not be verified (SPF Record)]	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:07	152 KB	This message has been archived...
☞	postmaster@salga.org.za You don't often get email from postmaster@salga.org.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	121 KB	This message has been archived...
☞	postmaster@mainstreamrp.com You don't often get email from postmaster@mainstreamrp.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	132 KB	This message has been archived...
☞	postmaster@mainstreamrp.com You don't often get email from postmaster@mainstreamrp.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	132 KB	This message has been archived...
☞	postmaster@slrconsulting.com You don't often get email from postmaster@slrconsulting.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	131 KB	This message has been archived...
☞	postmaster@mainstreamrp.com You don't often get email from postmaster@mainstreamrp.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	132 KB	This message has been archived...
☞	Microsoft Outlook You don't often get email from microsoftexchange329e71ec88ae4615bbc36ab6ce41109e@weathersa.co.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:07	141 KB	This message has been archived...
☞	postmaster@mainstreamrp.com You don't often get email from postmaster@mainstreamrp.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	132 KB	This message has been archived...
☞	postmaster@outlook.com You don't often get email from postmaster@outlook.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	123 KB	This message has been archived...
☞	postmaster@mainstreamrp.com You don't often get email from postmaster@mainstreamrp.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	132 KB	This message has been archived...
☞	postmaster@birdlife.org.za You don't often get email from postmaster@birdlife.org.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	128 KB	This message has been archived...
☞	postmaster@birdlife.org.za You don't often get email from postmaster@birdlife.org.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	128 KB	This message has been archived...
☞	postmaster@peleenergygroup.com You don't often get email from postmaster@peleenergygroup.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:07	129 KB	This message has been archived...

**FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province**

☞	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	140 KB	This message has been archived...
	Stephanie Barnardt You don't often get email from stephanie.barnardt@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Automatic reply: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its ... Tue 02 Aug 2022 09:09	62 KB	This message has been archived... Good day Thank you for your email, please note I am currently unavailable until 3 August 2022...
☞	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
☞	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
☞	postmaster@dws.gov.za You don't often get email from postmaster@dws.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
☞	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	135 KB	This message has been archived...
☞	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:09	217 KB	This message has been archived...
☞	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	135 KB	This message has been archived...
☞	postmaster@falconoilandgas.com You don't often get email from postmaster@falconoilandgas.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	134 KB	This message has been archived...
☞	postmaster@dws.gov.za You don't often get email from postmaster@dws.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
☞	postmaster@dws.gov.za You don't often get email from postmaster@dws.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	140 KB	This message has been archived...
☞	postmaster@dws.gov.za You don't often get email from postmaster@dws.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
	Khan Rashid (BVU) Please be informed that Mr Rashid Khan has retired on 31 October 2021.	Automatic reply: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its ... Tue 02 Aug 2022 09:09	57 KB	This message has been archived...
☞	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	139 KB	This message has been archived...
☞	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	139 KB	This message has been archived...
☞	postmaster@vodafone.com You don't often get email from postmaster@vodafone.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	134 KB	This message has been archived...
☞	postmaster@vodafone.com You don't often get email from postmaster@vodafone.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	133 KB	This message has been archived...
☞	postmaster@agrisa.co.za Your message has been delivered to the following recipients:	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	133 KB	This message has been archived...
	Hassinah Mileng [The e-mail server of the sender could not be verified (SPF Record)] Please note that I am currently out of office. For any urgent matters please forward your email to obstacles@atns.co.za or alternatively contact Mr Graham Mondzinger at Grahamm@atns....	Automatic reply: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its ... Tue 02 Aug 2022 09:09	60 KB	This message has been archived...
☞	postmaster@agrisa.co.za <https://products.office.com/en-us/CMSImages/Office365Logo_Orange.png?version=b8d100a9-0a8b-8e6a-88e1-ef488fee0470>	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:09	220 KB	This message has been archived... Your message to nic@agrisa.co.za couldn't be delivered.
☞	postmaster@agrisa.co.za Your message has been delivered to the following recipients:	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	133 KB	This message has been archived...
☞	postmaster@weathersa.co.za You don't often get email from postmaster@weathersa.co.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	123 KB	This message has been archived...
☞	postmaster@altrongroup.onmicros... You don't often get email from postmaster@altrongroup.onmicrosoft.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:09	136 KB	This message has been archived...
☞	postmaster@altrongroup.onmicros... You don't often get email from postmaster@altrongroup.onmicrosoft.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:08	140 KB	This message has been archived...
☞	Serame Motlhake Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ... Tue 02 Aug 2022 09:08	44 KB	This message has been archived...
☞	Mail Delivery System [You don't often get email from mailer-daemon@server.itdesign.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification ]	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa... Tue 02 Aug 2022 09:08	79 KB	This message has been archived... This message was created automatically by mail delivery software.
☞	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below. For further assistance, please send mail to postmaster. If you do so, p...	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as... Tue 02 Aug 2022 09:08	38 KB	This message has been archived...
☞	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notif...	Relayed: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associat... Tue 02 Aug 2022 09:08	94 KB	This message has been archived...

**APPENDIX E – PUBLIC PARTICIPATION**

**FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province**

	Devon Govender Your message	Transnet Freig... Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:24	45 KB	This message has been archived...
	Nokukhanya Khumalo [The e-mail server of the sender failed SPF checks and maybe malicious (SPF Record)]	Nokukhanya Khumalo Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:23	74 KB	This message has been archived...
	Morgan Griffiths Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:17	51 KB	This message has been archived...
	Information You don't often get email from info@bgcma.co.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Your message Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:15	52 KB	This message has been archived...
	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below. For further assistance, please send mail to postmaster. If you do so, p...	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as...	Tue 02 Aug 2022 09:14	31 KB	This message has been archived...
	Microsoft Outlook [The e-mail server of the sender could not be verified (SPF Record)]	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as...	Tue 02 Aug 2022 09:14	151 KB	This message has been archived...
	Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notif...	Relayed: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associat...	Tue 02 Aug 2022 09:14	66 KB	This message has been archived...
	Info [The e-mail server of the sender could not be verified (SPF Record)]	Automatic reply: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its ...	Tue 02 Aug 2022 09:13	42 KB	This message has been archived...
	postmaster@dmre.gov.za [The e-mail server of the sender could not be verified (SPF Record)]	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as...	Tue 02 Aug 2022 09:12	155 KB	This message has been archived...
	Liandra Scott-Shaw You don't often get email from lscottshaw@sirconsulting.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Your message Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:12	186 KB	This message has been archived...
	Julliet Mahlangu Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:11	41 KB	This message has been archived...
	Karl Naude You don't often get email from knaude@dfre.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Your message Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:10	42 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:10	138 KB	This message has been archived...
	postmaster@thedtic.gov.za You don't often get email from postmaster@thedtic.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Undeliverable: [URL protection applied] [POSSIBLY FORGED EMAIL] REMINDER - RE: Release of the Draft BA Reports for comment for the seven ...	Tue 02 Aug 2022 09:09	156 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	140 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	140 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as...	Tue 02 Aug 2022 09:09	217 KB	This message has been archived...
	Gavin Benjamin Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:09	51 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
	postmaster@westerncape.gov.za You don't often get email from postmaster@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Delivered: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Tue 02 Aug 2022 09:09	138 KB	This message has been archived...
	Ceoheritage NEW APPLICATION SUBMISSION PROCESS - 1 AUGUST 2022	Automatic reply: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its ...	Tue 02 Aug 2022 09:09	82 KB	This message has been archived...

**FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province**

AgriSA Good morning	RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Ele...	Wed 03 Aug 2022 08:24	80 KB	<input type="checkbox"/> This message has been archive...
Ayanda Mdludlu You don't often get email from ayanda.mdludlu@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 16:50	52 KB	This message has been archived...
Maitland Radio Technical You don't often get email from radiotech@saps.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 13:52	43 KB	This message has been archived...
Rebecca Thomas You don't often get email from rebecca.thomas@mainstreammp.com. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Ele...	Tue 02 Aug 2022 13:13	75 KB	This message has been archived... CONFIDENTIALITY AND DATA PROTECTION. This communication is intended only for the use of the intended recipient.
Danie Bloem Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 13:00	53 KB	This message has been archived...
Dr. Caroline Lötter You don't often get email from info@sabaa.org.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 11:46	41 KB	This message has been archived...
Phyllis Pienaar You don't often get email from phyllis.pienaar@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 11:31	52 KB	This message has been archived...
Louise van Daalen You don't often get email from louise@vandaalen.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 11:23	43 KB	This message has been archived...
André Crous Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 11:17	53 KB	This message has been archived...
Lizell Stroh Your message	Read: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical Infrastr...	Tue 02 Aug 2022 11:05	41 KB	This message has been archived...
Lizell Stroh Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 11:03	41 KB	This message has been archived...
Ceoheritage Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 10:46	50 KB	This message has been archived...
Shaun Taylor You don't often get email from shaun.taylor@mainstreammp.com. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 10:46	75 KB	This message has been archived... CONFIDENTIALITY AND DATA PROTECTION. This communication is intended only for the use of the intended recipient.
Pikkie Siebrits You don't often get email from pikkie@aiifa.co.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 10:42	52 KB	This message has been archived...
Lerato Mokgwatheng Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 10:26	53 KB	This message has been archived...
John Geeringh Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 10:19	53 KB	This message has been archived...
Elandri Snyman Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 10:11	50 KB	This message has been archived...
Howard Hendricks [The e-mail server of the sender could not be verified (SPF Record)]	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 10:08	44 KB	This message has been archived...
Constant de Waal (PSP)	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 10:06	37 KB	This message has been archived...
Cor Van der Walt You don't often get email from cor.vanderwalt@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:51	52 KB	This message has been archived...
Stephan Jacobs You don't often get email from sjacobs@slrconsulting.com. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:50	186 KB	This message has been archived...
Earthlife Africa JHB You don't often get email from secpp@earthlife.org.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:45	43 KB	This message has been archived...
Eugene Marais You don't often get email from eugene.marais@mainstreammp.com. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:37	75 KB	This message has been archived... CONFIDENTIALITY AND DATA PROTECTION. This communication is intended only for the use of the intended recipient.
Oosthuizen, Danie, Vodacom Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:34	51 KB	This message has been archived...
HJ van Daalen You don't often get email from hj@vandaalen.co.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:34	43 KB	This message has been archived...
Barnes, Craig, Vodacom Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:30	51 KB	This message has been archived...
HOD Transport and Public Works Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:29	51 KB	This message has been archived...
Alishea Pretorius You don't often get email from pretoriusa@sentech.co.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Tue 02 Aug 2022 09:28	46 KB	This message has been archived...
Mpho Mabaso You don't often get email from mpho.mabaso@dmre.gov.za. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification	Not read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associa...	Wed 24 Aug 2022 10:36	52 KB	This message has been archived...
Mail Delivery System This is the mail system at host pta-smg1.csir.co.za. I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below. For further assistance, please send mail to postmaster. If you do so, p...	Undeliverable: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its as...	Sun 07 Aug 2022 09:53	33 KB	This message has been archived...
Luchen Reddy Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Thu 04 Aug 2022 20:43	52 KB	This message has been archived...
Vanessa Stoffels You don't often get email from vanessa.stoffels@westerncape.gov.za. Learn why this is important <https://aka.ms/LearnAboutSenderIdentification>	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Thu 04 Aug 2022 06:53	52 KB	This message has been archived...
Nokukhanya Khumalo [The e-mail server of the sender failed SPF checks and maybe malicious (SPF Record)]	RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Ele...	Wed 03 Aug 2022 10:45	86 KB	This message has been archived... Good Morning Thank you for informing SAHRA regarding the proposed development however, if the development does not cross into the Northern Cape and is located ...
Colin Fordham Your message	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Wed 03 Aug 2022 09:14	47 KB	This message has been archived...
Natasha Higgitt [The e-mail server of the sender failed SPF checks and maybe malicious (SPF Record)]	Read: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated ...	Wed 03 Aug 2022 08:25	73 KB	This message has been archived...

APPENDIX E – PUBLIC PARTICIPATION

**Personalized Email sent to the Western Cape Department of Agriculture on 15 August 2022  
(Follow Up and Reminder of Comment)**

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**From:** EMS  
**Sent:** Monday, August 15, 2022 12:16 PM  
**To:** Brandon Layman; Cor Van der Walt  
**Subject:** Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Officials at the Western Cape Department of Agriculture,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693



**Personalized Email sent to Officials of the Beaufort West Local Municipality, the Prince Albert Local Municipality and the Central Karoo District Municipality on 15 August 2022 (Follow Up and Reminder of Comment)**

**From:** EMS <ems@csir.co.za>  
**Sent:** Monday, 15 August 2022 12:12  
**To:** jjonkers@skdm.co.za; manager@skdm.co.za; andre@skdm.co.za; barbara@skdm.co.za; jacobvanlinde@gmail.com; Gerrit@skdm.co.za; admin@beaufortwestmun.co.za; denwint@beaufortwestmun.co.za; wastemanager@beaufortwestmun.co.za; kosieh@beaufortwestmun.co.za; bwmdeputy.mayor@beaufortwestmun.co.za; Octoberhaarvoor3@gmail.com; anneleen@pamun.gov.za; abridon@pamun.gov.za; jacquet@pamun.gov.za  
**Subject:** Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape  
**Categories:** This message has been archived by Retain on August 22 2022 21:20

Dear Local and District Municipality Officials,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

**Personalized Email sent to Officials at the Endangered Wildlife Trust on 15 August 2022 (Follow Up and Reminder of Comment)**

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

---

**From:** EMS  
**Sent:** Monday, August 15, 2022 12:07 PM  
**To:** constanth@ewt.org.za; eia@ewt.org.za; christyb@ewt.org.za; lourensl@ewt.org.za; Bonnie Schumann; wep@ewt.org.za; Gareth Tate; Ian Little  
**Subject:** Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Officials at the Engendered Wildlife Trust,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

**Personalized Email sent to Officials at BirdLife South Africa on 15 August 2022 (Follow Up and Reminder of Comment)**

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

---

**From:** EMS  
**Sent:** Monday, August 15, 2022 12:09 PM  
**To:** info@birdlife.org.za; advocacy@birdlife.org.za; energy@birdlife.org.za  
**Subject:** Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Officials at BirdLife South Africa,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

**Personalized Email sent to Officials at the Air Traffic and Navigation Services on 15 August 2022 (Follow Up and Reminder of Comment)**

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

---

**From:** EMS  
**Sent:** Monday, August 15, 2022 11:55 AM  
**To:** [obstacles@atns.co.za](mailto:obstacles@atns.co.za); [ObstacleEvaluators@atns.co.za](mailto:ObstacleEvaluators@atns.co.za)

**Cc:** [BestbierG@caa.co.za](mailto:BestbierG@caa.co.za); [MazheteseC@caa.co.za](mailto:MazheteseC@caa.co.za); [Masilelas@caa.co.za](mailto:Masilelas@caa.co.za); [strohl@caa.co.za](mailto:strohl@caa.co.za)  
**Subject:** Closure of Comment Period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Officials at the Air Traffic and Navigation Services,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

**Personalized Email sent to Officials at the South African Civil Aviation Authority on 15 August 2021 (Follow Up and Reminder of Comment)**

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

---

**From:** EMS <ems@csir.co.za>  
**Sent:** Monday, 15 August 2022 11:55  
**To:** ferdis@atns.co.za; obstacles@atns.co.za; ObstacleEvaluators@atns.co.za; HassinahM@atns.co.za; FrancoisC@atns.co.za; phillipd@atns.co.za  
**Cc:** BestbierG@caa.co.za; MazheteseC@caa.co.za; Masilelas@caa.co.za; strohl@caa.co.za  
**Subject:** Closure of Comment Period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

**Categories:** This message has been archived by Retain on August 22 2022 21:20

Dear Officials at the Air Traffic and Navigation Services,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on **Thursday, 11 August 2022**.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than **Wednesday, 17 August 2022**.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

**Personalized Email sent to the Department of Agriculture, Forestry, and Fisheries (DAFF) on 15 August 2022 (Follow Up and Reminder of Comment)**

**From:** EMS  
**Sent:** Monday, August 15, 2022 12:05 PM  
**To:** CPO@daff.gov.za; MashuduMa@daff.gov.za; JacolineMa@daff.gov.za; ThandekaG@daff.gov.za; NFAWesternCape@daff.gov.za; ThokoB@daff.gov.za; Masithandazef@Dalrrd.gov.za; ThandoNd@Dalrrd.gov.za  
**Subject:** Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Officials,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

**Personalized Email sent to Officials at the Department of Water and Sanitation on 15 August 2022 (Follow Up and Reminder of Comment)**

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

---

**From:** EMS  
**Sent:** Monday, August 15, 2022 11:57 AM  
**To:** SchwartzC@dws.gov.za; kgapholam@dws.gov.za; Lintnaar-StraussM@dws.gov.za  
**Subject:** Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Officials at the Department of Water and Sanitation,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

**Personalized Email sent to Officials at the Breede-Gouritz Catchment Management Agency (BGCMA) on 15 August 2022 (Follow Up and Reminder of Comment)**

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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**From:** EMS  
**Sent:** Monday, August 15, 2022 12:00 PM  
**To:** erossouw@bgcma.co.za; MMthinkhulu@bgcma.co.za; ASam@bgcma.co.za; fsmith@bgcma.co.za; info@bgcma.co.za  
**Cc:** zmbunquka@bgcma.co.za  
**Subject:** Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Officials at the BGCMA,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

**Personalized Email sent to Officials at the Department of Transport and Public Works on 17 August 2022 (Follow Up and Reminder of Comment)**



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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**From:** EMS  
**Sent:** Wednesday, August 17, 2022 9:42 AM  
**To:** Vanessa Stoffels  
**Cc:** Schalk Carstens  
**Subject:** RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Vanessa,

We trust you are well.

Thank you for your email. The job number is duly noted. Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Friday, 19 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

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**E.10: CORRESPONDENCE RECEIVED FROM STAKEHOLDERS AND PROOF THEREOF DURING THE 30-DAY PUBLIC COMMENT PERIOD OF THE DRAFT BASIC ASSESSMENT REPORT**

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### General, Administrative and Project Need<sup>1</sup> Comments Received

From:  
Sent: Tuesday, July 19, 2022 10:41 AM  
To: EMS  
Cc:  
Subject: I&AP Registration: Section 1 to 7 of Kwagga EGI Corridor

Dear Minnelise,

I hope you are well.

Could I please request that XXXX with e-mail address XXXX also be registered as an I&AP for Section 1 to 7 of the proposed Kwagga EGI Corridor. Could you please send any relevant and available documents.

Could you also please reply with confirmation of registration.

Thanks again.  
With kind regards,  
XXXX

CONFIDENTIALITY: This e-mail and any attachments are confidential and may be privileged. If you are not a named recipient, please notify the sender immediately and do not disclose the contents to another person, use it for any purpose or store or copy the information in any medium.

From:  
Sent: Monday, July 11, 2022 7:32 PM  
To: EMS  
Subject: Intersted and effected party

[You don't often get email from XXXX. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification> ]

I hereby regeter as an intrested and effected party on behalf of the XXXX an in my personal capacity. I am part of the Hidra B energy cluster.

Regards XXXX  
Cell XXXX

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<sup>1</sup> This includes requests to register on and de-register from the project I&AP database.

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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From:  
Sent: Wednesday, July 13, 2022 4:32 PM  
To: EMS  
Subject: Kwagga EGI Powerlines

You don't often get email from XXXX. [Learn why this is important](#)

To whom this may concern

This is a request to be added as an interested and affected party. I am the project developer for the neighbouring wind farm sites Kraaltjies and Heuweltjies wind farms for XXXX.

May I also please request a .kml of the proposed corridors and relevant EGI sections 1-7.

Looking forward to your confirmation and feedback.

Regards  
XXXX

CONFIDENTIALITY AND DATA PROTECTION. This communication is intended only for the use of the intended recipient(s) and may contain information which is privileged and confidential, or personal data which is subject to data protection legislation. If you are not the intended recipient, please note that any dissemination, retransmission, reliance upon or other use of this communication is prohibited, and any such use may result in you breaching obligations under data protection legislation. If you have received this communication in error, please erase all copies of it, including all attachments, do not forward it to anybody, and please also notify the sender immediately.

---

From:  
Sent: Wednesday, July 20, 2022 10:01 AM  
To: EMS  
Subject: RE: Kwagga EGI Powerlines

You don't often get email from XXXX. [Learn why this is important](#)

Good Day

This email serves to follow up on the email below.

Please confirm response and addition to the database. Please also provide the .kml as requested.

Regards  
XXXX

---

From: XXXX  
Sent: Wednesday, 13 July 2022 16:32  
To: [ems@csir.co.za](mailto:ems@csir.co.za)  
Subject: Kwagga EGI Powerlines

To whom this may concern

This is a request to be added as an interested and affected party. I am the project developer for the neighbouring wind farm sites Kraaltjies and Heuweltjies wind farms for XXXX.

May I also please request a .kml of the proposed corridors and relevant EGI sections 1-7.

Looking forward to your confirmation and feedback.

Regards  
XXXX

CONFIDENTIALITY AND DATA PROTECTION. This communication is intended only for the use of the intended recipient(s) and may contain information which is privileged and confidential, or personal data which is subject to data protection legislation. If you are not the intended recipient, please note that any dissemination, retransmission, reliance upon or other use of this communication is prohibited, and any such use may result in you breaching obligations under data protection legislation. If you have received this communication in error, please erase all copies of it, including all attachments, do not forward it to anybody, and please also notify the sender immediately.

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear XXXX,

Thank you for your email.

Your request to be registered as an I&AP is duly noted. Please note that you have been included on the I&AP database for the Kwagga EGI projects and will receive future updates on these BA Processes.

Please see the attached KMZ of the proposed powerlines, as requested.

We are aware of the neighbouring XXXX Trakas and Beaufort West WEFs, which several of the proposed 132 kV overhead powerlines traverse. However, we are not aware of the location of the Kraaltjies and Heuweltjies wind farms. Would you mind to please kindly share a KMZ of the Kraaltjies and Heuweltjies WEFs for our context and records?

Many thanks and kind regards,  
CSIR BA Project Team

---

From: XXXX  
Sent: Wednesday, 20 July 2022 10:01  
To: EMS <[ems@csir.co.za](mailto:ems@csir.co.za)>  
Subject: RE: Kwagga EGI Powerlines

You don't often get email from XXXX. [Learn why this is important](#)

Good Day

This email serves to follow up on the email below.

Please confirm response and addition to the database. Please also provide the .kml as requested.

Regards  
XXXX

---

From: XXXX  
Sent: Wednesday, 13 July 2022 16:32  
To: [ems@csir.co.za](mailto:ems@csir.co.za)  
Subject: Kwagga EGI Powerlines

To whom this may concern

This is a request to be added as an interested and affected party. I am the project developer for the neighbouring wind farm sites Kraaltjies and Heuweltjies wind farms for Mainstream Renewable Power South Africa.

May I also please request a .kml of the proposed corridors and relevant EGI sections 1-7.

Looking forward to your confirmation and feedback.

Regards  
XXXX

CONFIDENTIALITY AND DATA PROTECTION. This communication is intended only for the use of the intended recipient(s) and may contain information which is privileged and confidential, or personal data which is subject to data protection legislation. If you are not the intended recipient, please note that any dissemination, retransmission, reliance upon or other use of this communication is prohibited, and any such use may result in you breaching obligations under data protection legislation. If you have received this communication in error, please erase all copies of it, including all attachments, do not forward it to anybody, and please also notify the sender immediately.

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

---

**From:** Lourens Leeuwner <lourensl@ewt.org.za>  
**Sent:** Tuesday, July 12, 2022 7:31 AM  
**To:** EMS  
**Subject:** RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Pls send all correspondence to [EIA@ewt.org.za](mailto:EIA@ewt.org.za) going forward, thanks

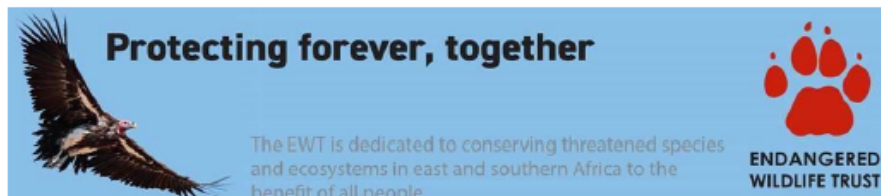
Regards

Lourens Leeuwner  
Wildlife and Energy Programme Manager  
Endangered Wildlife Trust  
Email: [lourensl@ewt.org.za](mailto:lourensl@ewt.org.za) | Web: [www.ewt.org.za](http://www.ewt.org.za)

Physical Address: Office 31 & 32, CBC building, SANBI 99 Rhodes drive, Newlands, Cape Town, 7700  
Postal Address: Postnet Suite # 027, Postnet Suite 002, Private Bag X08, Wierda Park 0149, Gauteng, South Africa



Broad-Based Black Economic Empowerment – BBBEE Level 4 Certificate & 95% Civil Society Organisation PBO number: 930 001 777  
NPO number: 015-502 NPO  
IT number: IT 6247



This E-mail message and its attachments are subject to the disclaimer published at <http://www.ewt.org.za>

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**From:**  
**Sent:** Wednesday, July 13, 2022 4:35 PM  
**To:** EMS  
**Cc:**  
**Subject:** RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

You don't often get email from XXXX. [Learn why this is important](#)

Dear CSIR BA Project Team,

Thank you for this notice.

FYI, I am no longer the I&AP for Beaufort West Airport in person.

Will you please add XXXX as the new CEO as I&AP for Beaufort Airport at XXXX.

Best regards.

XXXX

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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---

From:  
Sent: Thursday, August 4, 2022 11:32 AM  
To: EMS  
Cc:  
Subject: RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

You don't often get email from XXXX. [Learn why this is important](#)

Dear Sir

KINDLY CONFIRM ASAP THAT CAA AS WELL AS XXXX AT THE XXXX, HAS BEEN NOTIFIED IN WRITING???

XXXX: CEO XXXX and XXXX

Urgently awaiting your confirmation.

Sincerely

XXXX

---

From: EMS <ems@csir.co.za>  
Sent: Thursday, August 4, 2022 12:57 PM  
To:  
Cc:  
Subject: RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear XXXX,

Thank you for your email.

The following officials from the CAA and XXXX (copied on this email) were included on the I&AP database and received emailed notification on 11 July 2022 of the release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated electrical grid infrastructure;

- XXXX
- XXXX
- [BestbierG@caa.co.za](mailto:BestbierG@caa.co.za);
- [strohl@caa.co.za](mailto:strohl@caa.co.za);
- [MazheteseC@caa.co.za](mailto:MazheteseC@caa.co.za);
- [Masilelas@caa.co.za](mailto:Masilelas@caa.co.za);

In response to our initial emailed notification, XXXX notified us that he is no longer serves as the key contact person for the Beaufort West Airport and requested that we add XXXX to the I&AP database for these projects. XXXX was subsequently added to the I&AP database and received the reminder emailed notification for the proposed powerline projects sent on 2 August 2022.

We trust you find the above in order. Please let us know should you have any further queries.

Many thanks and kind regards,  
CSIR BA Project Team

---

From:  
Sent: Thursday, August 4, 2022 1:34 PM  
To: EMS  
Cc:  
Subject: RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Hi, your confirmation really appreciated, thanks a lot.

Sincerely  
XXXX

---

**From:** Constance Musemburi <CMusemburi@dffe.gov.za>  
**Sent:** Monday, July 11, 2022 2:31 PM  
**To:** EMS  
**Subject:** RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear EMS

Could you please remove my name on your notification list.

Regards

*Constance Musemburi*  
*Directorate: Priority Infrastructure Projects*  
*Tel: 012 399 9416*  
*Cell: 072 778 5905*  
*Email: cmusemburi@environment.gov.za*



**forestry, fisheries  
& the environment**

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

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**From:** Chantal Engelbrecht <CENGELBRECHT@dffe.gov.za>  
**Sent:** Monday, July 11, 2022 1:51 PM  
**To:** EMS  
**Subject:** RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

You don't often get email from cengelbrecht@dffe.gov.za. [Learn why this is important](#)

Good day

Kindly remove me from your mailing list. Should you require input from the DFFE, kindly send the documents to the correct and relevant officials.

Regards  
Chantal Engelbrecht

**Comments Received from the Department of Forestry, Fisheries, and the Environment:  
Integrated Environmental Authorisation Directorate**

**From:** Lydia Kutu <LKutu@dffe.gov.za>  
**Sent:** Tuesday, July 12, 2022 2:26 PM  
**To:** EMS; Lizande Kellerman; Rob Invernizzi; DEADPEIAAdmin.George@westerncape.gov.za; Gavin.Benjamin; Dhiveshni Moodley  
**Cc:** Zama Langa; EIAAdmin; Salome Mambane  
**Subject:** 14/12/16/3/3/1/2583

Dear Sir/Madam

**ACKNOWLEDGEMENT OF RECEIPT OF THE NEW APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION (BASIC ASSESSMENT PROCESS) AND DRAFT BASIC ASSESSMENT REPORT FOR THE KWAGGA EGI SECTION 6) CONSTRUCTION OF A 132 KV OVERHEAD POWERLINE BETWEEN THE PROPOSED KWAGGA WIND ENERGY FACILITY 1 AND THE PROPOSED KWAGGA WIND ENERGY FACILITY 3, NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE.**

The Department confirms having received the Application Form and Draft Basic Assessment Report for Environmental Authorisation for the abovementioned project on 11 July 2022. You have submitted these documents to comply with the Environmental Impact Assessment (EIA) Regulations, 2014, as amended.

Kindly note that your application for Environmental Authorisation falls within the ambit of an application applied for in terms of Part 2 of Chapter 4 of the EIA Regulations, 2014, as amended. You are therefore referred to Regulation 19 of the EIA Regulations, 2014 as amended.

Please take note of Regulation 40(3) of the EIA Regulations, 2014, as amended, which states that potential Interested & Affected Parties, including the Competent Authority, may be provided with an opportunity to comment on reports and plans contemplated in Regulation 40(1) of the EIA Regulations, 2014, as amended, prior to the submission of an application but must be provided an opportunity to comment on such reports once an application has been submitted to the Competent Authority.

Note that in terms of Regulation 45 of the EIA Regulations, 2014, as amended, this application will lapse if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless an extension has been granted by the Department in terms of Regulation 3(7) of the EIA Regulations, 2014, as amended.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Kind Regards,  
Lydia Kutu  
Integrated Environmental Authorisations:  
Coordination, Strategic Planning and Support  
Tel: (012) 399 9370  
Email: [LKutu@dffe.gov.za](mailto:LKutu@dffe.gov.za)



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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**From:** Lydia Kutu <LKutu@dffe.gov.za>

**Sent:** Wednesday, 10 August 2022 09:44

**To:** Lizande Kellerman <LKellerman@csir.co.za>; Rob Invernizzi <Rob.Invernizzi@abo-wind.com>; Gavin Benjamin <Gavin.Benjamin@westerncape.gov.za>

**Cc:** Zama Langa <ZLANGA@dffe.gov.za>; EIAAdmin <EIAAdmin@dffe.gov.za>; Salome Mambane <SMAMBANE@dffe.gov.za>

**Subject:** 14/12/16/3/3/1/2583

Good day.

Please find herein the attached letter for the above mentioned.

I hope you find all in order.

Thank you.

Kind Regards,

Lydia Kutu

Integrated Environmental Authorisations:

Priority Infrastructure Developments

Tel: (012) 399 9370

Email: [L.Kutu@dffe.gov.za](mailto:L.Kutu@dffe.gov.za)

*To God be the Glory!!!*



**forestry, fisheries  
& the environment**

Department:  
Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA.**

Private Bag X 447- PRETORIA - 0001- Environment House - 473 Steve Biko Road, Arcadia, - PRETORIA

DFFE Reference: 14/12/16/3/3/1/2583  
Enquiries: Miss Zamalanga Langa  
Telephone: (012) 399 9389 E-mail: [zlanga@dfpe.gov.za](mailto:zlanga@dfpe.gov.za)

Ms Lizande Kellerman  
Council for Scientific and Industrial Research (CSIR)  
PO Box 320  
**STELLENBOSCH**  
7599

Cellphone Number: +27 83 799 0949  
Telephone Number: +27 21 888 2693  
Email Address: [LKellerman@csir.co.za](mailto:LKellerman@csir.co.za)

**PER EMAIL**

Dear Ms Lizande

**COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED CONSTRUCTION OF A 132 KV OVERHEAD POWERLINE BETWEEN THE PROPOSED KWAGGA WIND ENERGY FACILITY 1 AND THE PROPOSED KWAGGA WIND ENERGY FACILITY 3, NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE (KWAGGA EGI SECTION 6)**

The application form and draft Basic Assessment Report (BAR) dated July 2022 and received by this Department on 11 July 2022, refers.

This letter serves to inform you that the following information must be included to the final BAR:

**(a) Coordinates**

- (i) You are requested to provide coordinates (start, middle and end point) of other associated infrastructures (such as access roads) in degrees, minute, and seconds.

**(b) Listed Activities**

- (i) Description provided for activity 4 of Listing Notice 3 cannot be linked to listed activity as applied for. The description provided refers to powerline servitude while the listed activity is for the development of the road. This description must be amended to include the threshold of the proposed road as required by the listed activity.
- (ii) Please ensure that all relevant listed activities are applied for, are specific and can be linked to the development activity or infrastructure as described in the project description. Only activities applicable to the development must be applied for and assessed.
- (iii) If the activities applied for in the application form differ from those mentioned in the final BAR, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link:  
<https://www.environment.gov.za/documents/forms>.
- (iv) It is imperative that the relevant authorities are continuously involved throughout the basic assessment process as the development property possibly falls within geographically designated areas in terms of

numerous GN R. 985 Activities. Written comments must be obtained from the relevant authorities and submitted to this Department. In addition, a graphical representation of the proposed development within the respective geographical areas must be provided

**(c) Cumulative Assessment**

- (i) Taking into consideration that the proposed project is linked to other 6 powerlines that is proposed by the applicant, the BAR must include cumulative impact assessment for all identified and assessed impacts and must be refined to indicate the following:
  - a) Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
  - b) Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
  - c) The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
  - d) A cumulative impact environmental statement on whether the proposed development must proceed

**(d) Specialist Assessments**

- (i) Please ensure that specialist studies e conducted provide a detailed description of their methodology, as well as all other associated infrastructures that they have assessed and are recommending for the authorisation.
- (ii) The specialist studies must also provide a detailed description of all limitations to their studies. All specialist studies must be conducted in the right season and providing that as a limitation, will not be accepted.
- (iii) Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and were necessary, include further expertise advice.
- (iv) It is further brought to your attention that Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for Environmental Authorisation, which were promulgated in Government Notice No. 320 of 20 March 2020 (i.e. "the Protocols"), and in Government Notice No. 1150 of 30 October 2020 (i.e. protocols for terrestrial plant and animal species), have come into effect. **Please note that specialist assessments conducted must be in accordance with these protocols.**

**(e) Public Participation Process**

- (i) Comments must be obtained from this Department's Biodiversity Conservation Directorate at [BCAdmin@dfre.gov.za](mailto:BCAdmin@dfre.gov.za)
- (ii) The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 and 44 of the EIA Regulations 2014, as amended.
- (iii) Please ensure that all issues raised and comments received during the circulation of the draft BAR from registered Interested and Affected Parties (I&APs) and organs of state, as listed in your I&APs Database, and others that have jurisdiction in respect of the proposed activity are adequately addressed and included in the final BAR.
- (iv) Copies of original comments received from I&APs and organs of state, which have jurisdiction in respect of the proposed activity are submitted to the Department with the final BAR.

- (v) Proof of correspondence with the various stakeholders must be included in the final BAR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments. In terms of Regulation 41(2)(b) of the EIA Regulations, 2014, as amended, please provide proof of written notice for the availability of the BAR for comment.
- (vi) All issues raised and comments received during the circulation of the draft BAR from I&APs and organs of state which have jurisdiction in respect of the proposed activity are adequately addressed in the final BAR, including comments from this Department, and must be incorporated into a Comments and Response Report (CRR).
- (vii) The CRR report must be a separate document from the main report and the format must be in the table format as indicated in Annexure 1 of this comments letter.
- (viii) Please refrain from summarising comments made by I&APs. All comments from I&APs must be copied verbatim and responded to clearly. Please note that a response such as "noted" is not regarded as an adequate response to an I&AP's comments.
- (ix) Minutes and attendance registers (where applicable) of any physical/virtual meetings held by the Environmental Assessment Practitioner (EAP) with Interested and Affected Parties (I&APs) and other role players must be included in the final BAR.

**(f) Environmental Management Programme**

- (i) It is drawn to your attention that for overhead electricity transmission and distribution infrastructure, when such facilities trigger activity 11 or 47 of the Environmental Impact Assessment Regulations Listing Notice 1 of 2014, as amended, and any other listed and specified activities necessary for the realisation of such facilities, the generic Environmental Management Programme, contemplated in Regulations 19(4) must be used and submitted with the final report over and above the EMPr submitted with the BAR. Please ensure that Part B, Section 2 must also be completed.
- (ii) Please ensure that any specific mitigation measures identified in the BAR and specialist reports for the proposed powerline are incorporated into the generic EMPr.

**(g) Validity period and auditing frequency**

- (i) Please ensure that the final BAR includes the period for which the Environmental Authorisation (EA) is required, the date on which the activity will be concluded, and the post construction monitoring requirements finalised, as per Appendix 1(3)(1)(q) of the NEMA EIA Regulations, 2014, as amended

**General:**

You are further reminded to comply with Regulation 19(1)(a) of the NEMA EIA Regulations, 2014, as amended, which states that: *"Where basic assessment must be applied to an application, the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority – (a) a basic assessment report, inclusive of any specialist reports, an EMPr, a closure plan in the case of a closure activity and where the application is a mining application, the plans, report and calculations contemplated in the Financial Provisioning Regulations, which have been subjected to a public participation process of at least 30 days and which reflects the incorporation of comments received, including any comments of the competent authority"*.

Should there be significant changes or new information that has been added to the BAR or EMPr which changes or information was not contained in the reports or plans consulted on during the initial public participation process, you are required to comply with Regulation 19(1)(b) of the NEMA EIA Regulations, 2014, as amended, which states: *"the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority – (b) a notification in writing that the documents contemplated in sub-regulation 1(a) will be submitted within 140 days of receipt of the application by the competent authority, as significant changes have been made or significant new information has been added to the documents which changes or information*

Chief Directorate: Integrated Environmental Authorisations

*was not contained in the original documents consulted on during the initial public participation process contemplated in sub-regulation (1)(a) and that the revised documents will be subjected to another public participation process of at least 30 days."*

Should you fail to meet any of the timeframes stipulated in Regulation 19 of the NEMA EIA Regulations, 2014, as amended, your application will lapse.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Yours sincerely



**Ms Milicent Solomons**

**Acting Chief Director: Integrated Environmental Authorisations**

**Department of Forestry, Fisheries and the Environment**

**Signed by: Dr Danie Smit**

**Designation: Control Environmental Officer: National Infrastructure Projects**

**Date: 08/08/2022**

cc:	Robert Invernizzi	ABO Wind renewable energies (Pty) Ltd	Email: <a href="mailto:Rob.Invernizzi@abo-wind.com">Rob.Invernizzi@abo-wind.com</a>
	Gavin Benjamin	(DEA&DP)	Email: <a href="mailto:gavin.benjamin@westerncape.gov.za">gavin.benjamin@westerncape.gov.za</a>

**Annexure 1**

Format for Comments and Response Trail Report:

Date of comment, format of comment name of organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
14/05/2021 Email Department of Forestry, Fisheries and the Environment: Priority Infrastructure Projects (John Soap)	Please record C&R trail report in this format  Please update the contact details of the provincial environmental authority	EAP: (Noted)The C&R trail report has been updated into the desired format, see Appendix K  EAP: Details of provincial authority have been updated, see page 16 of the Application form

DFFE Reference: 14/12/16/3/3/1/2583

4

COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED CONSTRUCTION OF A 132 KV OVERHEAD POWERLINE BETWEEN THE PROPOSED KWAGGA WIND ENERGY FACILITY 1 AND THE PROPOSED KWAGGA WIND ENERGY FACILITY 3, NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE (KWAGGA EGI SECTION 6)

**Comments Received from the Department of Forestry, Fisheries, and the Environment: Biodiversity Conservation Directorate**

**From:** Mashudu Mudau <MaMudau@dffe.gov.za>  
**Sent:** Friday, August 12, 2022 10:57 AM  
**To:** EMS  
**Cc:** Portia Makitla  
**Subject:** Comments Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape  
**Attachments:** Kwagga DBAR comments.pdf

You don't often get email from mamudau@dffe.gov.za. [Learn why this is important](#)

Good day.

Kindly find the attached comments for your consideration.

Regards,

*Mashudu Mudau*

Intern: Biodiversity Mainstreaming & EIA  
Department of Forestry, Fisheries and the Environment  
Environment House  
473 Steve Biko and Soutpansberg Streets  
PRETORIA  
Tel: (012) 399 9945  
Cell: 076 166 8307  
E-mail: [mamudau@dffe.gov.za](mailto:mamudau@dffe.gov.za)





**forestry, fisheries  
& the environment**

Department:  
Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA**

Private Bag X 447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, Tel: +27 12 399 9000, Fax: +27 86 625 1042

**Reference:** 7 Kwagga 132kV

**Enquiries:** Ms. Portia Makitla

**Telephone:** 012 399 9411 **E-mail:** [pmakitla@dfre.gov.za](mailto:pmakitla@dfre.gov.za)

Ms Lizande Kellerman  
CSIR  
PO Box 320  
Stellenbosch  
7599

Telephone Number: (+27) 21 888 2400  
Email Address: [ems@csir.co.za](mailto:ems@csir.co.za)

**PER E-MAIL**

Dear Ms. Kellerman

**COMMENTS ON DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED CONSTRUCTION OF SEVEN 132 KV OVERHEAD TRANSMISSION POWERLINES IN SUPPORT OF THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITIES 1- 3, NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE**

The Directorate: Biodiversity Conservation has reviewed and evaluated the reports.

The final report must comply with the procedures for the assessment and minimum criteria for reporting on identified environmental themes in terms of sections 24(5)(A) and (H) and 44 of the National Environmental Management Act, 1998. However, please note that the Directorate Biodiversity Conservation does not support any development within a very highly sensitive area and that will result with significant negative residual impacts after mitigation.

In conclusion, the Public Participation Process documents related to Biodiversity EIA for review and queries should be submitted to the Directorate: Biodiversity Conservation at Email; [BCAdmin@dfre.gov.za](mailto:BCAdmin@dfre.gov.za) for the attention of Mr. Seoka Lekota.

Yours faithfully

**Mr Seoka Lekota**  
**Control Biodiversity Officer Grade B: Biodiversity Conservation**  
**Department of Forestry, Fisheries & the Environment**  
**Date: 11/08/2022**



**Batho pele-** putting people first

**Comments Received from the Department of Forestry, Fisheries, and the Environment:  
Protected Areas Planning and Management Effectiveness Directorate**

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**From:** Rofhiwa Magodi <RMagodi@dfpe.gov.za>  
**Sent:** Tuesday, August 2, 2022 11:41 AM  
**To:** EMS  
**Cc:** Thivhulawi Nethononda; Karl Naude  
**Subject:** RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

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Good morning

The Directorate: Protected Areas Planning and Management Effectiveness, would like to thank you for the opportunity to review the Draft Basic Assessment report and supporting documents for the above-mentioned projects.

After conducting the review of the above-mentioned documents, we have noted that the proposed developments will not take place within any kind of protected areas in terms of Section 9 of the National Environmental Management: Protected Areas Act (NEMPAA), Act No. 57 of 2003. Subsequently, this directorate provides comments or input on the projects which are affecting the protected areas. Consequently, the Directorate of the Protected Areas, Planning and Management Effectiveness does not have any further comments on the proposed project as it does not affect the protected area.

However, kindly notify and get comments (if not yet consulted) from the Biodiversity and Conservation Directorate which can be contacted at [BCAdmin@environment.gov.za](mailto:BCAdmin@environment.gov.za) for the attention of Mr. Seoka Lekota. Further, also notify the provincial departments, municipality, and associated entities for comments.

Kind regards,  
Magodi Rofhiwa



**forestry, fisheries  
& the environment**

Department:  
Forestry, Fisheries and the Environment  
**REPUBLIC OF SOUTH AFRICA**

*Protected Areas Planning and Management Effectiveness*  
Private Bag X447, Pretoria, 0001  
Environment House, Steve Biko Street, Arcadia, 0002  
Tel. 012 399 8801 E-mail: [rmagodi@environment.gov.za](mailto:rmagodi@environment.gov.za)  
Website: [www.environment.gov.za](http://www.environment.gov.za)



## Consolidated Comments Received from the Western Cape Department of Environmental Affairs and Development Planning

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**From:** Thea Jordan <Thea.Jordan@westerncape.gov.za>  
**Sent:** Thursday, August 11, 2022 7:31 PM  
**To:** EMS  
**Cc:** Adri.LaMeyer  
**Subject:** Comments on the Draft BARs for the Kwagga EGI Corridors Sections 1 - 7 overhead transmission powerlines and its associated electrical grid infrastructure, near Beaufort West

**Attachments:** 2022 Aug 11 - Draft BARs for the Kwagga EGI Corridors Section 1 overhead transmission powerlines and its associated electrical grid infrastructure.pdf; 2022 Aug 11 - Draft BARs for the Kwagga EGI Corridors Section 2 overhead transmission powerlines and its associated electrical grid infrastructure.pdf; 2022 Aug 11 - Draft BARs for the Kwagga EGI Corridors Section 3 overhead transmission powerlines and its associated electrical grid infrastructure.pdf; 2022 Aug 11 - Draft BARs for the Kwagga EGI Corridors Section 4 overhead transmission powerlines and its associated electrical grid infrastructure.pdf; 2022 Aug 11 - Draft BARs for the Kwagga EGI Corridors Section 5 overhead transmission powerlines and its associated electrical grid infrastructure.pdf; 2022 Aug 11 - Draft BARs for the Kwagga EGI Corridors Section 6 overhead transmission powerlines and its associated electrical grid infrastructure, near Beaufort West.pdf; 2022 Aug 11 - Draft BARs for the Kwagga EGI Corridors Section 7 overhead transmission powerlines and its associated electrical grid infrastructure, near Beaufort West.pdf

You don't often get email from thea.jordan@westerncape.gov.za. [Learn why this is important](#)

Dear EAP,

Your request for comment dated 11 July 2022 refers.

Please find attached this department's comment in the above regard.

Yours faithfully

Thea Jordan  
Pr. Pl. (A/1237/2002)  
Director: Development Facilitation  
Department of Environmental Affairs and Development Planning  
Western Cape Government

11th Floor, Utilitas Building, 1 Dorp Street, Cape Town, 8000

Tel: +27 (0)21 483 4093

Email: [Thea.Jordan@westerncape.gov.za](mailto:Thea.Jordan@westerncape.gov.za)

Website: [www.westerncape.gov.za/eadp](http://www.westerncape.gov.za/eadp)



Be 110% Green. Read from the screen.

Due to COVID-19 restrictions, we are still operating on a "work-from-home" basis.  
Should you not be able to contact the numbers above, please call +27 (0)21 483 4091 between 07:30-16:00.



Department of Environmental Affairs and Development Planning  
Adri La Meyer  
Development Facilitation  
Adri.LaMeyer@westerncape.gov.za | Tel.: 021 483 2887

**References:**

18/2/3/2022-2023 (Development Facilitation)  
19/2/5/3/C2/7/WL0102/22 (Waste Management)  
19/3/2/4/E1/7/DDF042/22 (Pollution and Chemicals Management)

Attention: Ms Dhiveshni Moodley

CSIR Environmental Management Services  
P.O. Box 320  
STELLENBOSCH  
7599

[ems@csir.co.za](mailto:ems@csir.co.za)

Dear Madam

**COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE KWAGGA ELECTRICAL GRID INFRASTRUCTURE ("EGI") CORRIDOR SECTION 6: PROPOSED CONSTRUCTION OF A 132KV OVERHEAD TRANSMISSION POWERLINE AND ASSOCIATED EGI BETWEEN THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITY 1 AND THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITY 3 ACROSS THE REMAINDER OF THE FARM DWAALFONTEIN NO. 379, PORTION 3 OF THE FARM TYGER POORT NO. 376, REMAINDER AND PORTION 9 OF THE FARM WOLVE KRAAL NO. 17, AND PORTION 7 OF THE FARM MUIS KRAAL NO. 373, PRINCE ALBERT AND BEAUFORT WEST MUNICIPALITIES**

The email notification of 11 July 2022 regarding the release of the Draft Basic Assessment Report ("BAR") for comments refers. Please find consolidated comments from various directorates within the Department on the Draft BAR dated July 2022 that was available for download from various online platforms provided by the environmental assessment practitioner.

1. Directorate: Development Facilitation – Ms Adri La Meyer (Email: [Adri.LaMeyer@westerncape.gov.za](mailto:Adri.LaMeyer@westerncape.gov.za); Tel.: (021) 483 2887):
  - 1.1. This Directorate has no comments on the Draft BAR and is satisfied that the relevant specialists' recommendations and mitigation measures have been incorporated in the Environmental Management Programme ("EMPr").

Page 1 of 3

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Department of Environmental Affairs and Development Planning  
Cape Town Office: Utilitas Building, 1 Dorp Street Cape Town, 8001  
George Office: York Park Building, 93 York Street, George, 6529

2. Directorate: Waste Management – Mr Thorsten Aab (Email: [Thorsten.Aab@westerncape.gov.za](mailto:Thorsten.Aab@westerncape.gov.za); Tel.: (021) 483 3009):
  - 2.1. From an environmental impact perspective, an underground powerline is preferable to the proposed overhead powerline. However, it is understood that in terms of project commissioning (time), cost, topographical, geological and rehabilitation reasons, an overhead powerline may be more practical. This poses a high risk in terms of avifaunal collision injury or deaths, but the Draft BAR and Avifauna Impact Assessment undertaken by Chris van Rooyen Consulting dated June 2022 provided mitigating measures that could reduce this impact to a moderate risk, even for cumulative impacts.
  - 2.2. Although the local socio-economic impacts of the proposed authorised Kwagga WEFs 1 – 3 and the proposed Kwagga EGI will be moderate to low positive, the indirect socio-economic impacts at a national level will be significant in mitigating load shedding and will have a profound benefit on the global ecology by the clean energy alternative of a WEF.
  - 2.3. Only one development area was considered in the BA process because no fatal flaws were identified, the feasibility of the area was determined, the current land-value from an agricultural perspective was low, and the proximity to an existing EGI was acceptable. There was sufficient flexibility to avoid identified high risk areas or exclusion zones within the development area to optimally position individual infrastructure components of the EGI.
  - 2.4. Most potential waste management impacts were identified and addressed in the EMPr. These waste impacts are not expected to be significant enough to trigger any waste management activities promulgated in Government Notice ("GN") No. 921 of 29 November 2013 (as amended) in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("NEM: WA"). The following waste management comments are offered:
    - 2.4.1. Should more than 80m<sup>3</sup> of hazardous waste, and/or 100m<sup>3</sup> of general waste be stored within the construction camp(s) for longer than 90 days, the applicant will need to register and adhere to the NEM: WA National Norms and Standards for the Storage of Waste promulgated in GN No. 926 of 29 November 2013.
    - 2.4.2. Care must be taken to prevent the scavenging of waste from storage skips, from birds and animals such as baboons and badgers.
    - 2.4.3. It is indicated that waste will be taken to the nearest waste disposal facility. Please indicate the waste disposal facility(ies) where both general and hazardous waste will be disposed of and provide confirmation that these facilities have capacity to accept the waste.
    - 2.4.4. The stored waste may not cause nuisance conditions such as odours from putrescible waste, which will determine the frequency of waste removal and the number of skips required.
    - 2.4.5. Hazardous waste must be stored under a roofed and secured area.
    - 2.4.6. Waste may not be burned or buried without approval.
3. Directorate: Pollution and Chemicals Management – Ms Shehaam Brinkhuis / Mr Gunther Frantz (Email: [Shehaam.Brinkhuis@westerncape.gov.za](mailto:Shehaam.Brinkhuis@westerncape.gov.za) / [Gunther.Frantz@westerncape.gov.za](mailto:Gunther.Frantz@westerncape.gov.za); Tel.: (021) 483 8309/2975):
  - 3.1. All recommendations and mitigation measures included in the EMPr (Appendix G) are supported.

- 3.2. The placement of stand poles/pylons within sensitive freshwater features such as wetlands and riparian areas must always be avoided.
- 3.3. The erection of stand poles/pylons and associated construction activities should ideally take place within the dry season to reduce the risk of sediment-laden runoff from the construction activities/site washing into any nearby watercourses.
- 3.4. It is recommended that any temporary construction camp/s and concrete batching areas are located outside of the sensitive freshwater features and buffer areas, and that the buffer areas are clearly marked and maintained throughout the pre-construction, construction and operational phase of the project to protect identified aquatic ecosystems. This is particularly important given that a higher likelihood of pollution and risk of contamination exists during the construction phase, with an increased risk of pollution emanating from the construction camp(s) and laydown areas.
- 3.5. No discharge of effluents or the wash water from cement batching areas must enter nearby watercourses. Runoff must be strictly managed and controlled from any cement batching area.
- 3.6. The refuelling or repair of heavy earthmoving vehicles should not be done within any sensitive areas and should be conducted over a dedicated and impervious area within the construction camp.
4. The applicant is reminded of its "general duty of care towards the environment" as prescribed in section 28 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) which states that "Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment."

The Department reserves the right to revise initial comments and request further information based on any or new information received.

Yours sincerely

**Thea Jordan** Digitally signed by Thea Jordan  
Date: 2022.08.11 16:27:57 +0200

pp HEAD OF DEPARTMENT

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

Letter signed by:

Thea Jordan

Director: Development Facilitation

Date: 11 August 2022

### Comments Received from the Breede-Gouritz Catchment Management Agency (BGCMA)

---

**From:** Zama Mbunquka <zmbunquka@bgcma.co.za>  
**Sent:** Monday, August 15, 2022 10:59 PM  
**To:** EMS  
**Subject:** Re: Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Sir

Please kindly note that I will provide the comments on the 17th.

kind regards  
Zama Mbunquka

---

**From:** EMS <ems@csir.co.za>  
**Sent:** Monday, August 15, 2022 12:00 PM  
**To:** Elkerine Rossouw <erossouw@bgcma.co.za>; Makhosi Mthimkhulu <mmthimkhulu@bgcma.co.za>; Andiswa Sam <asam@bgcma.co.za>; Fabion Smith <fsmith@bgcma.co.za>; Information <info@bgcma.co.za>  
**Cc:** Zama Mbunquka <zmbunquka@bgcma.co.za>  
**Subject:** Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Dear Officials at the BGCMA,

We trust you are well.

Please note that the 30-day comment period on the Draft BA Reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape, closed on Thursday, 11 August 2022.

We are currently in the process of preparing the Final BA reports for submission to the DFFE.

Should you still wish to submit comments on the Draft BA Reports for the above-mentioned projects, please send your comments in writing to us at [ems@csir.co.za](mailto:ems@csir.co.za) no later than Wednesday, 17 August 2022.

If you do not have any comments on Draft BA reports for the above-mentioned projects, please can we request that this email be acknowledged, and it be stated that you do not have any comments on the Draft BA reports for the proposed seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure?

We look forward to your soonest feedback.

Kind regards  
CSIR BA Project Team

CSIR Environmental Management Services  
E-mail: [ems@csir.co.za](mailto:ems@csir.co.za)  
Postal Address: PO Box 320, Stellenbosch, 7599  
Tel: 021 888 2400  
Mobile: 083 799 0949  
Fax: 021 888 2693

FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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**From:** Zama Mbunquka <zmbunquka@bgcma.co.za>  
**Sent:** Tuesday, 23 August 2022 10:40  
**To:** EMS  
**Subject:** Re: Closure of comment period - RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape  
**Attachments:** DRAFT BASIC ASSESSMENT KWAGGA 32KVCOMMENTSAugust 2022.pdf  
**Categories:** This message has been archived by Retain on August 30 2022 20:35

Dear Sir/Madam

Please find attached BGCMA comments.

Kind regards

Zama Mbunquka



**BREED-GOURITZ**  
CATCHMENT MANAGEMENT AGENCY

101 York Street 3rd Floor Rm 302 George 6530, P.O. Box 1205 George 6530

Enquiries: Z Mbunquka Tel: 023 346 8000 Fax: 044 8732199 E-mail: zmbunquka@bgcma.co.za

Reference: 4/10/2/J32A/Kwagga Wind energy, Beaufort West Date: 22 August 2022

Council for Scientific and Industrial Research  
P.O Box 320  
Stellenbosch  
7599

Dear Sir

Attention Mr. Paul Lochner.

**COMMENT ON THE DRAFT BASIC ASSESSMENT FOR THE PROPOSED DEVELOPMENT OF SEVEN 132Kv OVERHEAD POWERLINES IN SUPPORT OF THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITIES 2-3, AND ITS ASSOCIATED INFRASTRUCTURE NEAR BEAUFORT WEST IN THE WESTERN CAPE.**

With reference to the application dated July 2022 and after having had the opportunity to assess the application, herewith the following:

1. Please note that the proposed development of seven 132Kv overhead powerlines and associated infrastructure constitutes section 21 (a) (c&i) water uses of the National Water Act, 1998 (Act 36 of 1998) . It is noted on page 50 of the Draft basic assessment report that the applicant is currently in the process of applying for a water use authorisation in terms of Section 21(a) and (c)ad(i) of the NWA. Please indicate the anticipated volumes that will be abstracted from the borehole. Also note that a risk matrix must be compiled for the proposed section 2(c&i) activities
2. The applicant must obtain authorization in terms of the aforementioned Act prior to the commencement of the proposed development.
3. It is noted on page 42 of the draft basic assessment report that the proposed powerline project will require sewage services during the construction phase. The generation of small volumes of sewage or liquid effluent are estimated as liquid effluent will be limited to the ablution facilities during the construction phase. Portable sanitation facilities (i.e. chemical toilets) will be used during the construction phase, which will be regularly

emptied. This office must be furnished with a signed copy of the contract between the contractor or the municipality which is appointed to empty the ablution facilities.

3.1 The disposal of sewage must at all times comply with the requirements of Sections 22 and 40 of the National Water Act of 1998, (Act 36 of 1998).

3.2 Should chemical toilets facilities be used on-site during construction phase of project development to be used by construction workers such toilets facilities must be located out side of the 1: 100 year floodline

4. No pollution of surface water or ground water resources may occur due to any activity on the property.

5. The stormwater drainage network system must be kept separate from the sewage effluent system

6. All relevant sections and regulations of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008) regarding the disposal of solid waste must be adhered to. Solid waste may only be disposed off onto an authorized solid waste facility in terms of abovementioned legislation.

7. The minimizing of waste must be promoted and alternative methods for waste management must be investigated.

8. No permanent structures maybe constructed within the 100-year flood line of any watercourse (seasonal or permanent river, stream, etc) without a thorisation in terms of National Water Act 1998, Act 36 of 1998 .

9. Environmental sensitive areas must be identified as well as possible pollution impacts and mitigation measures of such areas must be employed.

10. Please note that the comments are applicable to the properties that falls within the Jurisdiction of the Breede Gouritz Catchment Management Agency, Quaternary drainage J23A, Please liase with the Department of Water and sanitation for properties that that are located in L21A Quaternary drainage which is outside the Jurisdiction of this office.



Notwithstanding the above, the responsibility rests with the applicant to identify any sources of pollution from his undertaking and to take appropriate measures to prevent any pollution of the environment. Failure to comply with the requirements of the National Water Act 1998 (Act 36 of 1998) could lead to legal action being instituted against the applicant.

The BGCMA reserves the right to revise initial comments and request further information based on any additional information that might be received.

Yours faithfully



**JAN VAN STADEN**  
CHIEF EXECUTIVE OFFICER (ACTING)



**Comments Received from the Western Cape Government Transport and Public Works - Roads Department**

**From:** Vanessa Stoffels <Vanessa.Stoffels@westerncape.gov.za>  
**Sent:** Monday, July 11, 2022 10:37 AM  
**To:** EMS  
**Cc:** Schalk Carstens  
**Subject:** RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape  
**Attachments:** image005.emz

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Good day

Received your application, our reference Job 28641.

The matter is receiving attention and further communication will be addressed to you as soon as circumstances permit.

Kind Regards

**Vanessa Stoffels**  
Admin Clerk: Road Use Management  
Department of Transport and Public Works  
Chief Directorate: Road Planning  
Western Cape Government

3<sup>rd</sup> Floor, 9 Dorp Street, Cape Town

Tel: +27 21 483 2419  
Fax: +27 21 483 2205  
Email: [vanessa.stoffels@westerncape.gov.za](mailto:vanessa.stoffels@westerncape.gov.za)  
Website: [www.westerncape.gov.za](http://www.westerncape.gov.za)



 Western Cape Government



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HASIGONYENI, LAAT JOU IHENT.  
HASENZENI LENTO, KOM ONS DOEN DIT.



FINAL BASIC ASSESSMENT REPORT: Basic Assessment for the proposed construction of a 132 kV Overhead Powerline between the proposed Kwagga Wind Energy Facility 1 and the proposed Kwagga Wind Energy Facility 3, near Beaufort West in the Western Cape Province

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**From:** Vanessa Stoffels <Vanessa.Stoffels@westerncape.gov.za>  
**Sent:** Wednesday, 05 October 2022 12:46  
**To:** EMS  
**Subject:** FW: Job 28641 EIA Kwagga EGI lines  
**Attachments:** Job 28641 EIA Kwagga EGI lines[B7].pdf

You don't often get email from [vanessa.stoffels@westerncape.gov.za](mailto:vanessa.stoffels@westerncape.gov.za). [Learn why this is important](#)

Kind Regards

**Vanessa Stoffels**  
Admin Clerk: Road Use Management  
Department of Transport and Public Works  
Chief Directorate: Road Planning  
Western Cape Government

3<sup>rd</sup> Floor, 9 Dorp Street, Cape Town

Tel: +27 21 483 2419  
Fax: +27 21 483 2205  
Email: [vanessa.stoffels@westerncape.gov.za](mailto:vanessa.stoffels@westerncape.gov.za)  
Website: [www.westerncape.gov.za](http://www.westerncape.gov.za)



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MASENZENI LENTO. KOK ONS DOEN DIT.

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Transport and Public Works

Vanessa Stoffels

Chief Directorate: Road Planning

Vanessa.Stoffels@westerncape.gov.za | Tel: 021 483 4669

Ref: TPW/CFS/RP/LUD/REZ/SUB-01/23 (Job 28641)

CSIR Environmental Management Services  
PO Box 320  
**STELLENBOSCH**  
7599

Attention: Ms L Kellerman

Dear Madam

**NOTIFICATION OF THE RELEASE OF SEVEN DRAFT BASIC ASSESSMENT REPORTS FOR A 30- DAY COMMENT PERIOD FOR THE PROPOSED CONSTRUCTION OF SEVEN 132 KV OVERHEAD TRANSMISSION POWERLINES IN SUPPORT OF THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITIES 1- 3, NEAR BEAUFORT WEST IN THE WESTERN CAPE PROVINCE**

1. Your letter dated 10 July 2022 refers.
2. This Branch will not object to the issuing of an Environmental Authorisation in favour of any of the seven proposed overhead transmission powerlines, subject to the necessary wayleave applications being submitted to this Branch in the case of the powerlines crossing a proclaimed road, or where it is placed within the 5m building line of a proclaimed road.
3. Minor Road 7067 for which this Branch is the Road Authority is affected.
4. This Branch, for now, will ultimately require the following:
  - 4.1 Access applications (for all the accesses to each respective farm portion), which might include servitude rights of way to be registered to ensure permanent, legal, and unfettered access to all affected farm portions. It will be required to clearly state which access will serve what purpose (transmission powerlines and / or farming).
  - 4.2 Construction applications, including wayleaves for third party services, when building restrictions, building lines and road reserves are affected.
  - 4.3 Abnormal load applications, which may require prior geometric, and materials designs to be completed and constructed. Due to the possible longevity of this process, it is recommended to commence with these applications as soon as possible.
  - 4.4 A geotechnical and geometric design report, including improvement proposals, must be compiled to ensure that all the roads (on the entire road network) that will be affected by this development are adequately improved and maintained before any

TPW/CFS/RP/LUD/REZ/SUB-01/23 (Job 28641)

other construction activity may commence on any of the farm portions. This is to ensure that no more than normal deterioration and additional maintenance costs are experienced by the Road Authority during the construction and operating phases. It will be required that any design affecting any Proclaimed Provincial Road must carry this Branch's Chief Directorate Road Design's approval before implementation thereof may commence.

- 4.5 Confirmation that a similar geotechnical (as per paragraph 4.4) proposal will be compiled, and approval obtained prior to commencing with any major upgrade or decommissioning phase; whenever that may be.

Yours faithfully



PP **SW CARSTENS**

For DEPUTY DIRECTOR-GENERAL: ROADS

DATE: 05 OCTOBER 2022



## ENDORSEMENTS

1. Applicant: CSIR Environmental Management Services  
Attention: Ms L Kellerman (e-mail: [ems@csir.co.za](mailto:ems@csir.co.za))
2. Central Karoo District Municipality  
Attention: Mr A Koopman (e-mail)
3. District Roads Engineer  
Oudtshoorn
4. Mr SW Carstens (email)
5. Mr E Burger (e-mail)
6. F Fakier (email)

## Comments Received from the Western Cape Department of Agriculture

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**From:** Brandon Layman <Brandon.Layman@westerncape.gov.za>  
**Sent:** Tuesday, July 19, 2022 3:26 PM  
**To:** EMS  
**Subject:** FW: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape  
**Attachments:** image002.emz; image002.emz; Kwagga EGI\_Executive Summaries\_DBAR\_July2022.zip; Cover Letter to I&APs\_DBAR\_Kwagga EGI 1-7.pdf

You don't often get email from brandon.layman@westerncape.gov.za. [Learn why this is important](#)

Hi The CSIR BA Project Team

Please note that this office is bound by the government filing system which is currently in physical file format as approved by the Auditor General.

The transition to electronic filing is slow and must be according to government protocols. The provincial department responsible for our electronic storage/filing etc. is in process to develop that.

As solution to the cost of printing hard copies and lack of electronic filing system on our side (as discussed above) we decided the best option is to give you as consultants the option for a CD or USB as alternative to hard copy.

The main difference between a CD or USB is storage. A hard copy, CD or USB is the "store". Email or we-transfer needs to be printed to be stored physically as we do not have an approved filing system available in the cloud or other network.

CD or USB we can still put on a physical file.

With many thanks and kind regards

**Brandon Layman**  
Administrative Assistant to:  
Cor Van der Walt : LandUse Manager  
Department of Agriculture  
Provincial Government of the Western Cape  
Private Bag X1  
EISENBURG  
7607  
GPS koördinate Eisenburg kantoor: 33.845259 S 18.834722 E.

2<sup>nd</sup> Floor, Main Building, Muldersvlei Road  
Telephone: +27 21 808 5093  
Fax: +27 865448977  
E-mail: [Brandon.layman@westerncape.gov.za](mailto:Brandon.layman@westerncape.gov.za)  
Departmental Website: [www.elsenburg.com](http://www.elsenburg.com)  
Provincial Website: [www.capegateway.gov.za](http://www.capegateway.gov.za)





---

From: Cor Van der Walt <Cor.VanderWalt@westerncape.gov.za>  
Sent: 19 July 2022 12:16 PM  
To: Brandon Layman <Brandon.Layman@westerncape.gov.za>  
Subject: FW: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Groete/Kind regards

Cor van der Walt (Pr.Sci.Nat; SACNASP reg no. 400120/13)  
Manager: Sub-Programme: Land Use Management  
Programme: Sustainable Resource and Use Management  
Western Cape Department of Agriculture  
Private Bag X 1  
EISENBURG  
7607  
Ground Floor, Main Building, Muldersvlei Road Eisenburg

GPS Co-ordinates Eisenburg Head Office: 33.845259 S 18.834722 E

Telephone: (021) 808 5099  
Email: [Cor.VanderWalt@westerncape.gov.za](mailto:Cor.VanderWalt@westerncape.gov.za)  
Departmental Website: <https://www.eisenburg.com>  
Provincial Website: <https://www.westerncape.gov.za>



Note: The abovementioned filing constraint was noted by the EAP. A USB with the Draft BA Reports and supporting appendices was subsequently hand delivered to this Department at the provided physical address. Please refer to the proof of hand delivery below.



**Project:** Basic Assessments for the Proposed Development of the seven 132 kV Overhead Transmission Powerlines in support of the proposed authorised Kwagga Wind Energy Facilities 1-3, and its associated infrastructure, near Beaufort West in the Western Cape Province

**Reference:** DFFE Ref No. 14/12/16/3/3/1/2578, 14/12/16/3/3/1/2579, 14/12/16/3/3/1/2580, 14/12/16/3/3/1/2581, 14/12/16/3/3/1/2582, 14/12/16/3/3/1/2583, 14/12/16/3/3/1/2584

**Proof of Hand Delivery:**

**Delivery of:**

- Letter 1 to I&APs
- USB flash drive containing the Draft BA Reports with appendices and relevant supporting documents

**Delivery to:**

Name of Recipient/Signed for by:	Magda Lagerfeld 26.7.2022
Organisation:	Western Cape Department of Agriculture 3rd Floor, Main Building, Elsenburg, Muldersvlei Road
Designation:	Elsenburg
Date:	26.7.2022
Signature of Recipient:	

**Delivered by:**

Delivered by (on behalf of CSIR):	Lizande Kellerman
Organisation:	CSIR Environmental Management Services 11 Jan Celliers Street, Stellenbosch
Designation:	Principal Environmental Assessment Practitioner
Date:	26 July 2022
Signature:	



Cor Van Der Walt  
LandUse Management  
Email: LandUse.Elsenburg@elsenburg.com  
tel: +27 21 808 5099 fax: +27 21 808 5092

---

**OUR REFERENCE** : 20/9/2/3/1/081  
**YOUR REFERENCE** : -  
**DFFE REFERENCE** : 14/12/16/3/3/2/2070, 14/12/16/3/3/2/20171, 14/12/16/3/3/2/2072  
**ENQUIRIES** : Cor van der Walt/Fadwa Mohammed

CSIR  
PO Box 320  
STELLENBOSCH  
7599

Att: Lizande Kelleman

#### **DRAFT BASIC ASSESSMENT REPORTS**

**PROPOSED DEVELOPMENT OF SEVEN 132 KV OVERHEAD TRANSMISSION POWERLINES IN SUPPORT OF THE PROPOSED AUTHORISED KWAGGA WIND ENERGY FACILITIES 1-3; NAMELY, THE 279 MW KWAGGA WEF 1 (DFFE REF: 14/12/16/3/3/2/2070), THE 341 MW KWAGGA WEF 2 (DFFE REF: 14/12/16/3/3/2/20171) AND THE 204.6 MW KWAGGA WEF 3 (DFFE REF: 14/12/16/3/3/2/2072), AND IT'S ASSOCIATED INFRASTRUCTURE: BEAUFORT WEST**

Your application dated 10 July 2022 refers.

The applicant proposes to construct seven overhead transition power-lines and associated electrical grid infrastructure (EGI) to connect the Kwagga Wind Energy Facility to the Droërivier-Proteus 400 kV line via the Eskom Switching Substation and the Beaufort West 132 kV-400 kV Linking Station. Environmental authorisation was granted for the proposed Kwagga Wind Energy Facilities and Power-line and EGI did not form part of the S&EIA process.

The department has no objection to the proposed seven overhead transition power-lines and associated EGI on condition that the impact management actions as stated in the EMPr be effectively implemented together with the recommendations made by the specialists.

Please note:

- Kindly quote the above-mentioned reference number in any future correspondence in respect of the application.
- The department reserves the right to revise initial comments and request further information based on the information received.

Yours sincerely



Mr. CJ van der Walt

**LANDUSE MANAGER: LANDUSE MANAGEMENT**

**2022-08-26**

Copies:

Directorate Land Use and Sustainable Resource Management  
National Department of Agriculture  
Private Bag X 120  
PRETORIA  
0001

Department of Environmental Affairs & Development Planning  
Private Bag X6509  
GEORGE  
6530

Beaufort West Municipality  
Private Bag 582  
BEAUFORT WEST  
6970

Prince Albert Municipality  
Private Bag X53  
PRINCE ALBERT  
6930

## Comments Received from the South African Civil Aviation Authority

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**From:** Lizell Stroh <StrohL@caa.co.za>  
**Sent:** Tuesday, August 2, 2022 11:10 AM  
**To:** EMS  
**Subject:** RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

There is a SACAA process whereby permission is applied for wrt obstacles which could pose an aviation hazard. More information can be obtained at <http://www.caa.co.za>. Click on information for industry 'Obstacles' on the LHS. Forms, Part 139-27 and submit on the form itself.

- Kindly provide a .kml (Google Earth) file reflecting the footprint of the proposed overhead electric power line route that will evacuate the generated power to the national grid.
- Also indicate the highest structure of the project Overhead electric power transmission line.

Kind regards



**Lizell Stroh**  
**Obstacle Inspector**  
**Aerodrome Infrastructure**  
**Aviation Infrastructure**  
Tel: +27 11 545 1232 | Mobile: +27 083 461 6660  
Email: [StrohL@caa.co.za](mailto:StrohL@caa.co.za) | [www.caa.co.za](http://www.caa.co.za)

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**#NAGSConv22**

 **19 August 2022**

**National Aviation Gender Summit**  
INSPIRE | CONNECT | IDEATE

PLANT 9-16 BY 2030!



Enquiries: Thembi Mohlamonyane | [mohlamonyanet@caa.co.za](mailto:mohlamonyanet@caa.co.za)

---

**From:** Evelyn Shogole <ShogoleE@caa.co.za>  
**Sent:** Tuesday, 02 August 2022 09:32  
**To:** Lizell Stroh <StrohL@caa.co.za>  
**Subject:** FW: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Hi Lizell,

FYAP.

Regards,



**Evelyn Shogole**  
**GIS Technician** (SAGC: GTc GISc 2101 SACNASP: Cert.Sci.Nat-117759)  
**PANS-OPS (Procedures for Air Navigation Services – Aircraft Operations)**  
**Aviation Environmental Protection- Secondment**  
Tel: +27 11 545 1199 | Fax: +27 11 545 1282 | Cell: +27 83 451 2663  
Email: [shogolee@caa.co.za](mailto:shogolee@caa.co.za) | [www.caa.co.za](http://www.caa.co.za)  
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From: Gawie Bestbier <[BestbierG@caa.co.za](mailto:BestbierG@caa.co.za)>

Sent: Tuesday, 02 August 2022 9:09 AM

To: Evelyn Shogole <[ShogoleE@caa.co.za](mailto:ShogoleE@caa.co.za)>

Subject: FW: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

### Comments Received from Eskom

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**From:** John Geeringh <GeerinJH@eskom.co.za>  
**Sent:** Monday, August 8, 2022 10:45 AM  
**To:** EMS  
**Subject:** RE: REMINDER - RE: Release of the Draft BA Reports for comment for the seven 132 kV overhead transmission powerlines and its associated Electrical infrastructure, near Beaufort West, Western Cape

Please send me a KMZ file of the proposed line routes

Regards

John Geeringh (Pr Sci Nat) Reg. EAP (EAPASA)  
Senior Consultant Environmental Management  
Grid Planning: Land and Rights  
Eskom Transmission Division  
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.  
P O Box 1091, Johannesburg, 2000.  
Tel: 011 516 7233  
Cell: 083 632 7663  
Fax: 086 661 4064  
E-mail: [john.geeringh@eskom.co.za](mailto:john.geeringh@eskom.co.za)

## E.11: CORRESPONDENCE RECEIVED FROM HERITAGE WESTERN CAPE (HWC) AND LOCAL AUTHORITIES ON THE HIA FOLLOWING A 30-DAY CONSULTATION PERIOD

**Our Ref:** HM/CENTRAL KAROO/BEAUFORT WEST/VARIOUS FARMS/KWAGGA  
**Case No.:** 20220518SB0519E  
**Enquiries:** Stephanie-Anne Barnardt  
**E-mail:** stephanie.barnardt@westerncape.gov.za  
**Tel:** 021 483 5959

Jayson Orton  
jayson@asha-consulting.co.za



**FINAL COMMENT:**  
In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999) and the Western Cape Provincial Gazette 6061, Notice 298 of 2003

**HERITAGE IMPACT ASSESSMENT: PROPOSED KWAGGA WIND ENERGY GRID SECTION 1 TO 7, BEAUFORT WEST SUBMITTED IN TERMS OF SECTION 38(8) OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)**

**CASE NUMBER:** 20220518SB0519E

The matter above has reference.

This matter was discussed at the Impact Assessment Committee (IACom) meeting held on 17 August 2022.

It was noted that the matter was tabled at Archaeology, Palaeontology and Meteorites Committee (APM) meeting held on the 3 August 2022 whereby the committee endorsed the HIA for the Kwagga EGI 1-7 in the HIA by ASIA Consulting (June 2022) pg's 34&35

**FINAL COMMENT:**

The Committee endorsed the HIA prepared by ASHA Consulting dated June 2022 as satisfying requirements of the S.38(3) of the NHRA. Notwithstanding, the cumulative impact of the wind farm already approve, the Committee notes that the proposed gridline would have minimal impacts upon the cultural landscape heritage resources. The Committee therefore has no objections to the proposal and recommends that the consenting authoring imposes recommendation:

- A palaeontologist must conduct a preconstruction survey of the final authorised alignment well in advance of construction to determine whether any areas require avoidance or mitigation;
- An archaeologist must conduct a preconstruction survey of the final authorised alignment well in advance of construction to determine whether any areas require avoidance or mitigation;
- If any archaeological material or human burials are uncovered during the course of development, then work in the immediate area should be halted. The find would need to be reported to the heritage authorities and may require inspection by an archaeologist. Such heritage is the property of the state and may require excavation and curation in an approved institution.

HWC reserves the right to request additional information as required.

Should you have any further queries, please contact the official above and quote the case number.

Nuraan Vallie  
Acting Deputy Director



[www.westerncape.gov.za/cas](http://www.westerncape.gov.za/cas)

**Street Address:** Protea Assurance Building, Green Market Square, Cape Town, 8000 • **Postal Address:** P.O. Box 1665, Cape Town, 8000  
• **Tel:** +27 (0)21 483 5959 • **E-mail:** ceoheritage@westerncape.gov.za

**Straatadres:** Protea Assuransie-gebou, Groentemarkplein, Kaapstad, 8000 • **Posadres:** Posbus 1665, Kaapstad, 8000  
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**Idilesi yendawo:** kungangatho 3, kwisakhiwo (protea Assurance, Greenmarket Square, eKapa, 8000) • **Idilesi yeposi:** Inombolo yebhokisi yeposi 1665, eKapa, 8000 • **Iinombolo zomnxeba:** +27 (0)21 483 5959 • **Idilesi ye-imeyile:** ceoheritage@westerncape.gov.za