

APPENDIX C1:
Public Participation Plan and Approval

PUBLIC PARTICIPATION PLAN
IN TERMS OF THE DIRECTIONS REGARDING MEASURES TO ADDRESS, PREVENT AND COMBAT THE SPREAD OF COVID-19 RELATING TO NATIONAL ENVIRONMENTAL MANAGEMENT PERMITS AND LICENCES DURING COVID-19 PANDEMIC

DEVELOPMENT OF A CLUSTER OF RENEWABLE ENERGY FACILITIES (GREAT KAROO RENEWABLE ENERGY) NEAR RICHMOND, NORTHERN CAPE PROVINCE

Applications yet to be submitted

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement of people to curb the spread of the COVID-19 virus has placed some limitations on the commencement and continuation of the public consultation as part of EIA or Basic Assessment processes. Considering these limitations, the following consultation process has been designed and will be implemented, on approval by the Department of Forestry, Fisheries and the Environment (DFFE), to cater for the conducting of the public participation process which includes Interested and Affected Parties (I&APs), the competent authority, directly impacted landowners/occupiers, adjacent landowners/occupiers, relevant Organs of State departments, Municipalities, ward councillors and other key stakeholders.

PROJECT DETAILS

A cluster of renewable energy facilities is proposed to be developed on various sites located near Richmond. The cluster consist of 5 (five) renewable energy projects comprising two (2) wind energy facilities (Angora WEF and Merino WEF) and three (3) Solar Energy Facilities (Nku Solar PV, Kwana Solar PV, and Moriri Solar PV), and 5 (five) associated grid connections. A suitable project site for each development has been identified by the project development company (refer to Appendix 2 for the locality map of the projects).

The entire extent of the project is located within the Ubuntu Local Municipality and Pixley Ka Seme District Municipality in the Northern Cape Province. The cluster of the proposed projects is known as Great Karoo Renewable Energy (GKRE).

Infrastructures associated with each wind energy facility will include:

- » Wind turbines
- » Roads
- » Maintenance building
- » Trackers
- » Solid state batteries
- » Transformers
- » Substations

Infrastructures associated with each solar PV facility will include:

- » Solar PV modules
- » Trackers
- » Transformers
- » Roads

- » Maintenance building
- » Solid state batteries
- » Substations

Each solar PV facility and wind energy facility will be constructed as a separate stand-alone project and will be assessed through an EIA process. Similarly, each grid connection solution will be subjected to a separate Basic Assessment process which will consider feasible alternatives for the power line routes.

The details for the respective projects are as follows:

Project Name	Technology	Capacity	Affected farm names
Nku Solar PV	Solar PV	100MW	<ul style="list-style-type: none"> » Rem. 85 Rondavel & 86 Annex Rondavel » Rem. 84 Vogelstruisfontein
Moriri Solar PV	Solar PV	100MW	<ul style="list-style-type: none"> » Rem. 85 Rondavel » 86 Annex Rondavel » Rem. 84 Vogelstruisfontein
Kwana Solar PV	Solar PV	100MW	<ul style="list-style-type: none"> » Rem. 85 Rondavel » 86 Annex Rondavel » Rem. 84 Vogelstruisfontein
Angora Wind Energy Facility	Wind	140MW	<ul style="list-style-type: none"> » Rem. 85 Rondavel » 86 Annex Rondavel » Rem. 84 Vogelstruisfontein
Merino Wind Energy Facility	Wind	140MW	<ul style="list-style-type: none"> » Land Rem. 85 Rondavel » 86 Annex Rondavel » Rem. 84 Vogelstruisfontein

Scoping and EIA processes will be undertaken for the proposed two (2) wind energy facilities and the three (3) Solar Energy Facilities.

The grid connection infrastructure for all projects will include a one central collector 132kV substation and a double-circuit 132kV power line to Gamma Substation. The power line will cross the following properties:

- » Annex Rondavel 86 Portion 0 & 1
- » Uit Vlugt Fontein 265 Portion 1
- » Wynandsfontein 91 Portion 0 & 1
- » Vlekfontein 90 Portion 3
- » Burgersfontein 92 Portion 0
- » Nieuwe Fontein 89 Portion 1
- » Rondavel 85 Portion 0 & 1
- » Kleinfontein 93 Portion 0
- » Jan Booyens Onder Plaats 94 Portion 8
- » Bult & Rietfontein 96 Portion 1
- » Farm 3 Portion 0

A Basic Assessment Process will be undertaken for the grid connection infrastructure.

PUBLIC PARTICIPATION PLAN

The public participation (PP) process will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs;
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the Basic Assessment process.

Due to the proximity of the solar PV, wind energy facilities and grid connection solution to one another, the EIA processes and public participation processes for the EIA processes will be undertaken concurrently, providing the public with an opportunity to understand the full extent of the development proposed and comment on each of the projects.

The traditional means and opportunities available for the undertaking of public participation are still covered and implemented as part of this plan considering the current limitations in terms of the Regulations to limit risks associated with COVID-19. Alternative means of undertaking consultation has been designed and will be implemented by Savannah Environmental to ensure that I&APs are afforded sufficient opportunity to raise comments on the project through an interactive web-based platform readily available and accessible to any person illustrating interest in the project and enables the public participation process to be undertaken in line with Regulations 41 to 44 of the EIA Regulations, 2014, as amended.

The use of online tools enables stakeholders and I&APs to explore the project-specific content in their own time and allows them to participate in a meaningful way in the consultation process. The online platform allows for project information to be shared and made available. The online stakeholder engagement platform allows the Environmental Assessment Partitioner (EAP) to visually present details regarding the project and our consultation documentation, including project maps and plans, presentations and posters regarding the project, and reports available for review.

Access to the project documentation via the Savannah Environmental website will be unrestricted to all I&APs. I&APs wanting to access the project information via this portal will be required to register and will receive a unique code (via an automated system) to access the report of interest. This step and the online portal supports the EAP in maintaining a complete and accurate record and database of all parties who have interest in the project (and who choose to access the report via the online portal), in line with the requirements of the Regulations.

The online stakeholder engagement platform considers the limitations applied by the Disaster Management Act Regulations prohibiting the gathering of people, as well as limitations which certain I&APs may have in terms of access to computers and internet as well as access to public spaces not open for operation or which have restricted access.

The benefits of the online stakeholder engagement platform include:

- Ability to create a dedicated project-specific online platform to enable easy access to project-related information.
- Ability to reach a wider audience, allowing more widespread consultation for major infrastructure projects.
- Allowing stakeholders and I&APs the opportunity to engage on a project without leaving their office or home.
- Enabling stakeholders and I&APs to register their interest in a project (for inclusion on the project database), and automatically gaining access to comprehensive project documentation.
- Enabling the EAP to maintain a complete database of I&APs through maintaining a record of persons accessing the online stakeholder consultation platform.
- Enabling the EAP and stakeholders/I&APs to meet virtually.

Where I&APs do not have the applicable facilities (i.e. access to internet, mobile phones, or computers), provision has been made to include these I&APs in the consultation process by consulting with the Ward Councillor, the ward committee members, community representatives and local community forum members. Hard copy documentation can be made available, but will only be provided where appropriate sanitary conditions can be maintained.

The schematic illustration overleaf provides an overview of the tools that are available to I&APs and stakeholders to access project information and interact with the public participation team to obtain project information and resolve any queries that may arise, and to meet the requirements for public participation.

i. Stakeholder identification and register of I&APs	<ul style="list-style-type: none">• Register as an I&AP on the online platform, via completion of a form and provision of contact information, by responding to an advert, or sending a 'please call me' which will be responded to• State interest in the project• Receive all project related information via email or other appropriate means.
ii. Advertisements and notifications	<ul style="list-style-type: none">• Advertisements, site notices, radio live reads and written notifications provide information and details on where to access project information.• Notifications regarding the EIA processes and availability of project reports for public review to be sent via email, post or SMS notifications.
iii. Public Involvement and consultation	<ul style="list-style-type: none">• Virtual presentation (in English) available via the online platform.• Availability of project information via the online platform or other appropriate means.• An opportunity for I&APs and stakeholders to request virtual meetings with the project team.
iv. Comment on the BA reports	<ul style="list-style-type: none">• Availability of the project reports via the online platform for a minimum 30-day comment period.• Submission of comments via email or post to the PP team.• Comments recorded and responded to, as part of the process.
v. Identification and recording of comments	<ul style="list-style-type: none">• Comments and Responses Report, including all comments received throughout the process to be included in the reporting.

The PP plan, as set out in the table below, has been drafted for the above-mentioned projects to ensure compliance with the requirements of the EIA Regulations and that reasonable opportunity is provided to I&APs and that all administrative actions are reasonable. Proof of all notifications will be included in the public participation appendix included in the Basic Assessment reports.

The PP plan is submitted to the DFFE for discussion and agreement before the PP process is undertaken for the proposed project.

Public Participation Plan: Discussion of approach and methodology to meet the requirements of the Regulations, applicable to all abovementioned applications for environmental authorisation (combined where possible).

Regulation	Approach & Methodology to meet requirements
<p>Regulation 40(1), Regulation 40(3) & Regulation 43 – provide all potential or registered interested and affected parties, including the competent authority, access to project related information, access to the Basic Assessment reports which will be made available for a period of at least 30 days to submit comments on draft reports prior to submission of final reports for decision-making.</p>	<p><u>Notification of BA processes to be distributed using the following means:</u></p> <ul style="list-style-type: none"> • E-mail • Dedicated project page on the Savannah Environmental online stakeholder engagement platform • Post (where email or other means are not possible) • Site notices placed on site • Advertisement in the media. <p><u>Notification of availability of reports and period for review using the following means:</u></p> <ul style="list-style-type: none"> • Newspaper adverts, including details of where the report can be accessed and details of the Savannah Environmental website. • Notification letter (to be sent via email, fax or post) to identified and registered I&APs. • Radio live reads using a local radio station. • Notifications to communities via one of the following, where available: Ward Councillor, ward committee members, identified and confirmed community representatives, and local community forum members. • SMS and/ or WhatsApp notifications where no other means are available. <p><u>Availability of reports for review:</u></p> <ul style="list-style-type: none"> • Reports available on the Savannah Environmental website for download. • Electronic copies can be made available to parties via a secure Dropbox link (or other means) that will be emailed upon request for the documentation. • CDs or USBs to be posted, if requested. • Hard copy project documentation and reports to be available only where appropriate sanitary conditions can be maintained. • Report will be submitted to the DFFE using the DFFE online portal. • Report will be submitted to Organs of State and commenting authorities via an agreed electronic platform (such as on CD, or via a secure Dropbox link or WeTransfer, etc.). <p><u>Submission of comments to PP team:</u></p>

Regulation	Approach & Methodology to meet requirements
	<ul style="list-style-type: none"> • Written comments can be submitted via email, post or fax. • Any comments provided telephonically or via instant message will be transcribed and recorded as formal comments. <p><u>Opportunity and means of consultation where applicable facilities are not available to I&APs:</u></p> <ul style="list-style-type: none"> • Post (where email or other means are not possible) • Placement of site notice on all affected properties. • Placement of process notices of accessible locations in the study area. • Advertisement in media (local newspaper). • Consultation and communication through one of the following, where available: the ward councillor, ward committee members and confirmed community representatives and local community forum members. It has been assumed that these forums would be suitable for notifications to occupiers where access to these parties is not available through other means (such as direct consultation). • SMS or WhatsApp notification. • CDs to be posted, if requested (and where a computer is available). • Hard copy report only where sanitary conditions can be maintained.
<p>Regulation 40(2) - Provide access to all project information that has the potential to influence any decision regarding the application, unless protected by law, and must include consultation with Competent Authority, Organs of State & registered I&APs.</p> <p>Regulation 41(6) – Relevant information available and accessible</p>	<p>Provision of project information and consultation via various means including:</p> <ul style="list-style-type: none"> • Telephonic consultation. • Email correspondence. • Correspondence sent via post (where email or other means are not possible) • SMS and/or WhatsApp. • The Savannah Environmental online stakeholder engagement platform will include the following: <ul style="list-style-type: none"> ○ A means to register on the project database and provide details of their interest in the project ○ Project maps (as applicable) ○ Presentation providing a summary of the project details and the findings of the Basic Assessment reports ○ Posters providing a summary of the findings of the Basic Assessments • Virtual focus group meetings using an appropriate platform agreeable to all parties (such as Zoom, Skype or Teams). The meetings will be recorded and the attendees' details captured

Regulation	Approach & Methodology to meet requirements
	<p>in an attendance register. Confirmation of their attendance will also be requested by e-mail and the correspondence will be included in the report.</p> <ul style="list-style-type: none"> Communities will be consulted via one of the following, where available: the relevant Ward Councillor, ward committee members, community representative or local community forum members, as determined and confirmed during the consultation process. It has been assumed that these forums would be suitable for notifications to community members where access to these parties is not available through other means (such as direct consultation). <p><u>Opportunity and means of consultation where applicable facilities are not available to I&APs:</u></p> <ul style="list-style-type: none"> Telephonic consultation. Post (where email or other means are not possible) SMS and/or WhatsApp. Consultation and communication through one of the following, where available: the ward councillor, ward committee members and confirmed community representatives and local community forum members.
Regulation 41(2)(a) – Site notice	<ul style="list-style-type: none"> Site notices will be placed at affected properties by the EAP, landowner or specialist, depending on specific travel restrictions applicable at the time. Size and content will be in accordance with Regulation 41(3) & 41(4).
Regulation 41(2)(b) – Written notification to affected and neighbouring landowners and occupiers; municipality; ward councillors; Organs of State & other parties required by the CA	<ul style="list-style-type: none"> Notification letter to be sent via email, fax or post. <p><u>Opportunity and means of consultation where applicable facilities are not available to I&APs:</u></p> <ul style="list-style-type: none"> » Post (where email or other means are not possible) » SMS or WhatsApp notification.
Regulation 41(2)(c) – (e) – Advertisements	<ul style="list-style-type: none"> Adverts announcing the EIA process and availability of the various reports will be placed in a local newspaper. Live reads will be made on a local radio station announcing the availability of the various reports for review.
Regulation 42 – Project database	<ul style="list-style-type: none"> I&APs to be identified through a process of networking and referral, obtaining information from the Savannah Environmental existing stakeholder database, liaison with potentially affected parties in the greater surrounding area and a registration process involving the completion of a reply form or response to adverts.

Regulation	Approach & Methodology to meet requirements
	<ul style="list-style-type: none"> • Organs of State, key stakeholders and affected and surrounding landowners will be identified and registered on the project database. • Other stakeholders will be required to formally register their interest in the project through either directly contacting the Savannah Environmental Public Participation team via email or fax or use of the Savannah Environmental website. • To access the Savannah Environmental online stakeholder engagement platform for a specific project, I&APs will be required to provide their details such that they are automatically registered on the project database. • The register of I&APs will contain the names of: <ul style="list-style-type: none"> ○ all persons who requested to be registered on the database through the use of the Savannah Environmental website, or in writing and disclosed their interest in the project; ○ all Organs of State which hold jurisdiction in respect of the activity to which the application relates; and ○ all persons who submitted written comments or attended virtual meeting/s and viewed virtual presentations on the Savannah Environmental website during the public participation process. • The information captured on the project database will contain the names, organisation and contact details, as required. It must be noted that personal details will not be shared in public documentation in accordance with the requirements of the POPI Act.
<p>Regulation 44 – Comments to be recorded</p>	<ul style="list-style-type: none"> • Written comments can be submitted via email, post or fax. • Any comments provided telephonically or via instant message will be transcribed and recorded as formal comments. • All comments received throughout the BA processes will be acknowledged and captured in the comments and responses report (C&RR) with a relevant response. • The C&RR and all comments received will be included in the final report submitted to the CA. <p><u>Opportunity and means of consultation where applicable facilities are not available to I&APs:</u></p> <ul style="list-style-type: none"> • I&APs without the applicable electronic facilities to access the Savannah Environmental website will be provided with the opportunity to submit their comments and communicate with the public participation team via SMS, WhatsApp or by sending a Please-call-me notification. These comments will be transcribed and recorded as formal comments. • Written comments via post or fax (where email or other means are not possible). • Comment submission telephonically and instant messaging (SMS and/or WhatsApp).

Regulation	Approach & Methodology to meet requirements
	<ul style="list-style-type: none"> • Sending a Please-call-me notification to the Public Participation team so that contact can be made.
Regulation 4(2) – Notification of decision on application	<p><u>Notification of Environmental Authorisation (EA) using the following means:</u></p> <ul style="list-style-type: none"> • Notification letter with details as outlined in EA issued will be sent via email, fax or post. • Notifications that the EA has been issued and where to download and/or obtain a copy to communities via one of the following, where available: Ward Councillor and his/her ward committee members and identified and confirmed community representatives. • SMS or WhatsApp notification. <p><u>Opportunity and means of consultation where applicable facilities are not available to I&APs:</u></p> <ul style="list-style-type: none"> • Post (where email or other means are not possible) • Communication via one of the following, where available: the ward councillor, ward committee members and confirmed community representatives and local community forum members. • SMS and/or WhatsApp.

APPENDIX C2:
Interested and Affected Parties Database

**MORIRI PHOTOVOLTAIC ENERGY FACILITY, NORTHERN CAPE PROVINCE
(DFFE Ref. No.: 14/12/16/3/3/2/2116)**

DEPARTMENT / COMPANY / ORGANISATION	NAME	SURNAME
	Alistair	Seymour
	Andre	De Vries
	Andrew	Gerber
	Danny	Hugo
	Denver	Van Heerden
	Desmond	Smith
	Dyasi	Nomajama
	Elrico	Nelson
	Elsie	Adams
	Faisal	Fakier
	Fon	Thiem
	GA	De Vos
	Gafoor	Cafoor
	Hannes	Esterhuizen
	Harry	Els
	Herry	Snyders
	Jaco	Cronje
	Jan	Victor
	Johannes	Pieterse
	Joshua	Chambers
	Justin	Cafoor
	JW	Van den Heever
	Kevin	McKey
	Kobus	Reynolds
	Leon	Olivier
	Linsey	Rimbault
	Lunga	Jaxa
	Nkwana	Makwe
	Paul	Haupt
	Paul	Martin
	Piet	Cilliers
	Piet	Snyders
	Rhano	Frans
	Sammy-Lee	Springbok
	Sarah	Winter
	Siena	Snyders
	Willem	Fritz
4 Stone Buildings (Pty) Ltd	Mike	Levington
ABO Wind renewable energies (Pty) Ltd	Du Toit	Malherbe
AEP	Peter	Smith
AEP Mogbe Soklar	David	Peinke
African Clean Energy Development (ACED)	Stephnie	Kot
African Farmers Association of South Africa	Vuyo	Mahlati
Agri Northern Cape	Eben	Anthonissen
Agri Northern Cape	Hannes	De Wet
Agri Northern Cape	Nicol	Jansen
Agri Northern Cape	Wiaan	Van Rensburg
Agri Northern Cape	Willem	Symington

DEPARTMENT / COMPANY / ORGANISATION	NAME	SURNAME
AgriSA	Janse	Rabie
Air Traffic and Navigation Services (ATNS)	Simphiwe	Masilela
Atlantic Energy Partners	David	Peinke
Atlantic Renewable Energy Partners (Pty) Ltd	Amy	Hill
Beaufort West Local Municipality	Amanda	Visser
Beaufort West Local Municipality	Kosie	Haarhoss
Beaufort West Local Municipality	Louw	Smit
Beaufort West Local Municipality	M.G	Nkungwana
Beaufort West Local Municipality	R	Van Staden
Bellatrix Solar PV Project (Pty) Ltd		TBD
Bellatrix Solar PV Project (Pty) Ltd	Kate	.
BirdLife South Africa	Samantha	Ralston-Paton
Blue Sky Solar (Pty) Ltd	Genevieve	.
Blue Sky Solar (Pty) Ltd	James	.
Brakpoort 75MW PV Solar Farm	John	McGillivrai
Cell C	Brian	Joubert
Cell C	Harish	Kasseepursad
Cell C	Marius	Otto
Central Karoo District Municipality		van Tonder
Central Karoo District Municipality	Andre	Koopman
Central Karoo District Municipality	Barbara	Brown
Central Karoo District Municipality	Gerrit	van Zyl
Central Karoo District Municipality	Hein	Rust
Central Karoo District Municipality	J	Jonkers
Central Karoo District Municipality	Kobus	Theron
Central Karoo District Municipality	Levona	Goeieman
Central Karoo District Municipality	Nicola	Nortje
Central Karoo District Municipality	Phumezo	Nakani
Central Karoo District Municipality	S	Jooste
Central Karoo District Municipality	Thobeka	Twani
Co-operative Governance & Traditional Affairs	Eveline	Fatyelwa
Co-Operative Governance & Traditional Leaders	Mashwahle	Diphofa
Department of Energy	Nomawethu	Qase
Department of Forestry, Fisheries and the Environment	Mashudu	Marubini
Department of Forestry, Fisheries and the Environment	Seoka	Lekota
Department of Forestry, Fisheries and the Environment	Thoko	Buthelezi
Department of Forestry, Fisheries and the Environment	Thulie N	Khumalo
Department of Mineral Resources and Energy	Jasper	Nieuwoudt
Department of Mineral Resources and Energy	Kevin	Mutheiwana
Department of Mineral Resources and Energy	Mthetheleli	Maphinda
Department of Mineral Resources and Energy	Ntsikelelo	Kika
Department of Mineral Resources and Energy	Pheladi	Masipa
Department of Mineral Resources and Energy	Pieter	Swart
Department of Mineral Resources and Energy	Precious	Mocumi
Department of Mineral Resources and Energy	Sunday	Mabaso
Department of Rural Development and Land Reform	Kgotso	Moeketsi
Department of Rural Development and Land Reform	Lorato	Sehularo
Department of Rural Development and Land Reform	Mangalane	Du Toit
Department of Rural Development and Land Reform	Nomfundo	Ntloko-Gobodo
Department of Rural Development and Land Reform	Nozizwe	Makgalemele
Department of Science and Technology	Mere	Kgampe
Department of Water and Sanitation	Alexia	Hlengani
Department of Water and Sanitation	Kobus	Streuders
Department of Water and Sanitation	Lerato	Mokhoantle
Department of Water and Sanitation	Lindiwe	Franks
Department of Water and Sanitation	Moses	Mahunonyane
Department of Water and Sanitation	Ncmile	Dweni
Department of Water and Sanitation	Shaun	Cloete

DEPARTMENT / COMPANY / ORGANISATION	NAME	SURNAME
Department of Water and Sanitation	Steven	Shibambu
DNV-GL	Richard	Fyvie
Drivequip (Pty) Ltd	Louis	Andrag
Earthlife Africa	Makoma	Lekalakala (Secretary)
EDF Renewables (South Africa)	Louis	Dewavrin
Emoyeni Wind Farm Project Proprietary Limited		TBD.
Endangered Wildlife Trust	Constant	Hoogstad
Eskom Holdings SOC Ltd	Andrea	van Gensen
Eskom Holdings SOC Ltd	John	Geeringh
Eskom Holdings SOC Ltd	Nondwe	Khanye
Farm Grootaar	Casper	Erasmus (Jnr)
Farm Grootaar	Casper	Erasmus (Snr)
Farm Grootaar	Stephanus	Van den Heever
Farm Grootaar	Willem	Yekani
Federation for Sustainable Environment	Mariette	Liefferink
Houdenbeck 222	Pieter	van der Merwe
JFC General Service Provider	Johnny	Christoffels
Mainstream Renewable South Africa (Pty) Ltd	David	Dean
Mainstream WF&PV Victoria West	Rebecca	Thomas
MTN	Ms S (Sherly)	Grey
MTN	Renier	Nel
National Energy Regulator of South Africa (NERSA)	Andile	Gxasheka
National Energy Regulator of South Africa (NERSA)	Siphiwe	Khumalo
NC - Khoi Council	Richard	Hoogstrnder
NC - SA San Council	Collin	Louw
NC Co-operative Governance, Human Settlements & Traditional A	G	Botha
NC Cooperative Governance, Human Settlements and Traditional	Gladys	Botha
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Peter	Cloete
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Samantha	De la Fontaine
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Viljoen	Mothibi
NC Dept of Forestry, Fisheries and the Environment (Provincial)	Jacoline	Mans
Ngwao-Boswa Ya Kapa Bokone (NCPHRA)	Andrew	Timothy
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource	Timothy	Ratha
Northern Cape Chamber of Commerce & Industry (NOCCI)	Sharon	Steyn
Northern Cape Department of Co-operative Governance	A	Phete
Northern Cape Department of Agriculture, Land Reform & Rural D	Ali	Diteme
Northern Cape Department of Environment and Nature Conservat	Denver	van Heerden
Northern Cape Department of Roads & Public Works	Jaco	Roelofse
Northern Cape Department of Roads and Public Works	Kholikile	Nogwili
Northern Cape Department of Agriculture	Lerato	Modise
Northern Cape Department of Roads & Public Works	Menelisi	Sithole
Northern Cape Department of Environment and Nature Conservat	Natalie	Uys
Northern Cape Department of Environment and Nature Conservat	Onwabile	Ndzumo
Northern Cape Department of Roads and Public Works	Ruth	Palm
Northern Cape Department of Agriculture, Land Reform & Rural D	Wonders Dimakatso Vilj	Mothibi
Northern Cape Department of Agriculture	Zanele	Mogorosi
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land	Bryan	Fisher
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land	Dewald	Badenhorst
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land	Dineo	Moleko
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land	Elsabe	Swart
Northern Cape Economic Development Agency	Babalwa	Mbobo
Northern Cape Tourism	Peter	McKuchane
openServe (on behalf of Telkom SA Ltd)	Vivian	Groenewald
Pixley Ka Seme District Municipality	Asanda	Sibeko
Pixley Ka Seme District Municipality	Beatrice	Bosch
Pixley Ka Seme District Municipality	Napo	Moloi
Pixley Ka Seme District Municipality	Passie	Present
Pixley Ka Seme District Municipality	Rachel	Jaggers

DEPARTMENT / COMPANY / ORGANISATION	NAME	SURNAME
Pixley Ka Seme District Municipality	Rodney	Pieterse
Ratelfontein Private Nature Reserve	Jan	Pickard
Red Cap Energy	Kirsten	Jones
Richmond Chamber of Commerce	Len	Rundle
SAHRA	Natasha	Higgitt
SANRAL	Nicole	Abrahams
Savannah Environmental (Pty) Ltd	Nondumiso	Bulunga
Sentech Ltd	Serame	Motlhake
Sirius Power (Pty) Ltd	Nunez	David
SOLA Group	Reuben	Maroga
South African Astronomical Observatory	Ted	Williams
South African Bat Assessment Association	Caroline	Lotter
South African Bat Assessment Advisory Panel (SABAAP)	Kate	MacEwan
South African Chamber of Commerce and Industry	Alan	Mukoki
South African Chamber of Commerce and Industry	Albert	Wadi
South African Civil Aviation Authority	Lizelle	Stroh
South African Civil Aviation Authority	Zwelithini	Vilakazi
South African Civilian Aviation Authority	Zukisani	Jakavula
South African Department of Defence	Lt. Col. Kebasenos	Zondi
South African Local Government Association (SALGA)	Xolile	George
South African National Parks (SANP)	Paul	Daphne
South African National Parks	Peter	Novellie
South African Radio Astronomy Observatory (SARAO)	Adrian	Tiplady
South African Radio Astronomy Observatory (SARAO)	Busang	Sithole
South African Radio Astronomy Observatory (SARAO)	Selaelo	Matlhane
South African Radio Astronomy Observatory (SARAO)	Thato	Nape
South African Radio Astronomy Observatory (SARAO)	Tshegofatso	Monama
South African Weather Services	Bernard	Petlane
South African Weather Services	Puseletso	Mofokeng
South African Weather Services	Rydall	Jardine
South African Weather Services	Webster	Ngoepe
South African Weather Services	Zamikhaya	Magogotya
South African Wind Energy Association (SAWEA)	Johan	van den Berg
Special Energy Project (Pty)		TBD..
Subsolar Energy (Pty) Ltd	Stephanie	Fasasie
Telkom SA SOC Ltd	Amanda	Bester
Telkom SA SOC Ltd	Leonard	Shaw
The Green Connection	Gillian	Hamilton
The Green Connection	Jan	Arkert
The Green Connection	Ketshepaone	Modise
The Green Connection	Linda	Arkert
The Green Connection	Neville	Van Rooy
The Green Connection	Sakeena	Allie
Transnet Freight Rail	Verishnee	Maharaj
Transnet SOC Ltd	Andiswa	Njonga
Transnet SOC Ltd	Futhi	Mathebula
Transnet SOC Ltd	Geraldine	Kilian
Ubuntu Local Municipality	Bongani	Jasson
Ubuntu Local Municipality	Bonita	van Standen
Ubuntu Local Municipality	Collin	Robertson
Ubuntu Local Municipality	Debere	Maphosa
Ubuntu Local Municipality	Elizabeth	Lefleur
Ubuntu Local Municipality	Erica	Vorster
Ubuntu Local Municipality	H.E.	Scholtz
Ubuntu Local Municipality	Hendri	Jacobs
Ubuntu Local Municipality	Israel	Tsoarelo
Ubuntu Local Municipality	Jill	Piquer
Ubuntu Local Municipality	Johan	Tolken

DEPARTMENT / COMPANY / ORGANISATION	NAME	SURNAME
Ubuntu Local Municipality	K.J.	Arends
Ubuntu Local Municipality	M	Kivedo
Ubuntu Local Municipality	Martin	Fillis
Ubuntu Local Municipality	Miriam	Nkontwana
Ubuntu Local Municipality	Paula	Jantjies
Ubuntu Local Municipality	Rashilda	Moses
Ubuntu Local Municipality	Romano	Jacobs
Ubuntu Youth Forum Foundation	D	Jantjies
Ubuntu Youth Forum Foundation	Eric	Kweleta
Vodacom	Hennie	Barnard
Vodacom	Junior	Adraanse
Vodacom	Nico	Fourie
WESSA Northern Cape Region	Suzanne	Erasmus
Wildebeest Karoo PV Solar Power Plant		TBD
Wildlife and Environment Society of South Africa (WESSA)	John	Wesson
Windlab Developments South Africa (Pty) Ltd	Francis	Jackson
Windlab Developments South Africa	Joseph	Harding
WKN Windcurrent SA (Pty) Ltd	Zakiya	Abrahams

APPENDIX C3
SITE NOTICES AND NEWSPAPER
ADVERTISEMENTS

Advertisements

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT, BASIC ASSESSMENT & PUBLIC PARTICIPATION PROCESSES FOR THE PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION INFRASTRUCTURE, NEAR RICHMOND, NORTHERN CAPE PROVINCE

Applicant: Great Karoo Renewable Energy (Pty) Ltd.

Proposed Activity: Establishment of three (3) Solar Photovoltaic (PV) Energy Facilities, two (2) Wind Energy Facilities & grid connection infrastructure comprising a 132kV central collector substation & a 132kV power line to enable the connection of five (5) renewable energy facilities to the national grid for the evacuation of the generated electricity. The connection point to the national grid will be the existing Eskom Gamma Substation. Infrastructure associated with each project includes:

Solar Energy Facilities	Wind Energy Facilities	Grid Connection Infrastructure
<ul style="list-style-type: none"> » Solar PV array comprising PV modules & mounting structures. » Inverters & transformers. » Cabling between the panels. » 33/132kV onsite facility substation. » Cabling from the onsite substation to the collector substation (either underground or overhead). » Electrical & auxiliary equipment required at the collector substation that serves that solar energy facility, including switchyard/bay, control building, fences, etc. » Battery Energy Storage System (BESS). » Site offices & maintenance buildings, including workshop areas for maintenance & storage. » Laydown areas. » Access roads & internal distribution roads. 	<ul style="list-style-type: none"> » Wind turbines. » Concrete turbine foundations & turbine hardstands. » Inverters & transformers. » Temporary laydown areas which will accommodate storage & assembly areas. » Cabling between the turbines, to be laid underground where practical. » A temporary concrete batching plant. » 33/132kV onsite facility substation. » Underground cabling from the onsite substation to the collector substation. » Electrical & auxiliary equipment required at the collector substation that serves that wind energy facility, including switchyard/bay, control building, fences, etc. » Battery Energy Storage System (BESS). » Access roads & internal distribution roads. » Site offices & maintenance buildings, including workshop areas for maintenance & storage. 	<ul style="list-style-type: none"> » Central collector substation which consists of: <ul style="list-style-type: none"> * 33/132kV collector substation. * Associated equipment, infrastructure, & buildings. * Temporary & permanent laydown areas. » Distribution Line: <ul style="list-style-type: none"> * A double-circuit 132kV distribution line to connect the central collector 132kV substation to the existing Eskom Gamma Substation will be constructed.

Project Location: The five (5) proposed renewable energy facilities, along with their associated grid connection infrastructure, are located approximately 35km South-West of Richmond along the N1 and approximately 80km South-East of Victoria West along the R63 in the Northern Cape Province, within the Ubuntu Local Municipality, and the Pixley Ka Seme District Municipality. A portion (approximately 2km) of the grid corridor falls within the Beaufort West Local Municipality which forms part of the Central Karoo District Municipality in the Western Cape Province.

Solar Energy Facilities 100MW		Wind Energy Facilities 140MW	
Project	Property	Project	Properties
Nku Solar PV Facility	» Farm Rondavel 85 (Portion 0 & 1)	Angora Wind Energy Facility	» Portion 11 of Farm Gegundefontein 53
Moriri Solar PV Facility			» Portion 0 of Farm Vogelstruisfontein 84
Kwana Solar PV Facility		» Portion 1 of Farm Rondavel 85	
		Merino Wind Energy Facility	» Portion 0 of Farm Rondavel 85
			» Portion 9 of Farm Bult & Rietfontein 96
			» Portion 0 of Farm Vogelstruisfontein 84

Savannah Environmental website: <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>

Collector Electrical Grid Infrastructure (EGI)		
Project	Properties	
Collector EGI (132kV)	<ul style="list-style-type: none"> » Portion 0 of Farm Annex Rondavel 86 » Portion 1 of Farm Uit Vlucht Fontein 265 » Portion 0 of Farm Wynandsfontein 91 » Portion 1 of Farm Wynandsfontein 91 » Portion 3 of Farm Vlekfontein 90 » Portion 0 of Farm Niuewe Fontein 89 » Portion 0 of Farm Burgersfontein 92 	<ul style="list-style-type: none"> » Portion 1 of Farm Nieuwe Fontein 89 » Portion 0 of Farm Rondavel 85 » Portion 1 of Farm Rondavel 85 » Portion 0 of Farm Kleinfontein 93 » Portion 1 of Farm Bult & Rieffontein 96 » Remaining extent of Portion 3 of Farm Schietkuil

Savannah Environmental website: <https://savannahsa.com/public-documents/grid-infrastructure/the-great-karoo-cluster-grid-connection-infrastructure/>

Scoping & Environmental Impact Assessment (S&EIA) & Basic Assessment (BA) Processes: In terms of Sections 24 & 24D of the National Environmental Management Act (No 107 of 1998), as read with Government Notice R324 – R327, as amended, a S&EIA process is required for each renewable energy facility. Similarly, a BA process is required for the grid connection infrastructure. Savannah Environmental is undertaking the required S&EIA, BA, & public participation processes for these projects.

EIA Reports & BA Report available for review & comment: The EIA Reports for the PV facilities and the Merino Wind Farm are available for download, review, & comment on the Savannah Environmental website (see applicable links in tables above). The 30-day review & comment period of the EIA Reports is from **Friday, 13 May 2022** until **Monday, 13 June 2022**. The 30-day review & comment period of the BA Report for the grid connection infrastructure is from **Friday, 20 May 2022** until **Monday, 20 June 2022**. The availability of the EIA Report for the Angora Wind Farm, as well as the 30-day review and comment period will be communicated in due course.

Information Session: Interested and affected parties (I&APs) are invited to attend the Information Session which will take place at Richmond Town Hall on **Thursday, 26 May 2022** at **17h00**. The Information Session will start with a poster display at **17h00** after which those that are interested in attending the presentation can attend the presentation which will start at **17h30**. The Information Session will take place in compliance with the current COVID-19 protocols, and I&APs are therefore required to register their attendance. Please contact Nicolene Venter (details below) to register your attendance.

To obtain further information & register on the project database, please submit your name, contact information & interest in the project to the contact person below.

Nicolene Venter or Nondumiso Bulunga at Savannah Environmental
 P.O. Box 148, Sunninghill, 2157
 Tel: 011 656 3237 / Fax: 086 684 0547
 Mobile: 060 978 8396 (including please call me)
 Email: publicprocess@savannahsa.com
 Website: www.savannahsa.com



NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT, BASIC ASSESSMENT & PUBLIC PARTICIPATION PROCESSES FOR THE PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION INFRASTRUCTURE, NEAR RICHMOND, NORTHERN CAPE PROVINCE

Applicant: Great Karoo Renewable Energy (Pty) Ltd.

Proposed Activity: Establishment of three (3) Solar Photovoltaic (PV) Energy Facilities, two (2) Wind Energy Facilities & grid connection infrastructure comprising a 132kV central collector substation & a 132kV power line to enable the connection of five (5) renewable energy facilities to the national grid for the evacuation of the generated electricity. The connection point to the national grid will be the existing Eskom Gamma Substation. Infrastructure associated with each project includes:

Solar Energy Facilities	Wind Energy Facilities	Grid Connection Infrastructure
<ul style="list-style-type: none"> » Solar PV array comprising PV modules & mounting structures. » Inverters & transformers. » Cabling between the panels. » 33/132kV onsite facility substation. » Cabling from the onsite substation to the collector substation (either underground or overhead). » Electrical & auxiliary equipment required at the collector substation that serves that solar energy facility, including switchyard/bay, control building, fences, etc. » Battery Energy Storage System (BESS). » Site offices & maintenance buildings, including workshop areas for maintenance & storage. » Laydown areas. » Access roads & internal distribution roads. 	<ul style="list-style-type: none"> » Wind turbines. » Concrete turbine foundations & turbine hardstands. » Inverters & transformers. » Temporary laydown areas which will accommodate storage & assembly areas. » Cabling between the turbines, to be laid underground where practical. » A temporary concrete batching plant. » 33/132kV onsite facility substation. » Underground cabling from the onsite substation to the collector substation. » Electrical & auxiliary equipment required at the collector substation that serves that wind energy facility, including switchyard/bay, control building, fences, etc. » Battery Energy Storage System (BESS). » Access roads & internal distribution roads. » Site offices & maintenance buildings, including workshop areas for maintenance & storage. 	<ul style="list-style-type: none"> » Central collector substation which consists of: <ul style="list-style-type: none"> * 33/132kV collector substation. * Associated equipment, infrastructure, & buildings. * Temporary & permanent laydown areas. » Distribution Line: <ul style="list-style-type: none"> * A double-circuit 132kV distribution line to connect the central collector 132kV substation to the existing Eskom Gamma Substation will be constructed.

Project Location: The five (5) proposed renewable energy facilities, along with their associated grid connection infrastructure, are located approximately 35km South-West of Richmond along the N1 and approximately 80km South-East of Victoria West along the R63 in the Northern Cape Province, within the Ubuntu Local Municipality, and the Pixley Ka Seme District Municipality. A portion (approximately 2km) of the grid corridor falls within the Beaufort West Local Municipality which forms part of the Central Karoo District Municipality in the Western Cape Province.

Solar Energy Facilities 100MW		Wind Energy Facilities 140MW	
Project	Property	Project	Properties
Nku Solar PV Facility	» Farm Rondavel 85 (Portion 0 & 1)	Angora Wind Energy Facility	» Portion 11 of Farm Gegundefontein 53
Moriri Solar PV Facility			» Portion 0 of Farm Vogelstruisfontein 84
Kwana Solar PV Facility		» Portion 1 of Farm Rondavel 85	
		Merino Wind Energy Facility	» Portion 0 of Farm Rondavel 85
			» Portion 9 of Farm Bult & Rietfontein 96
			» Portion 0 of Farm Vogelstruisfontein 84

Savannah Environmental website: <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>

Collector Electrical Grid Infrastructure (EGI)		
Project	Properties	
Collector EGI (132kV)	<ul style="list-style-type: none"> » Portion 0 of Farm Annex Rondavel 86 » Portion 1 of Farm Uit Vlucht Fontein 265 » Portion 0 of Farm Wynandsfontein 91 » Portion 1 of Farm Wynandsfontein 91 » Portion 3 of Farm Vlekfontein 90 » Portion 0 of Farm Niuewe Fontein 89 » Portion 0 of Farm Burgersfontein 92 	<ul style="list-style-type: none"> » Portion 1 of Farm Nieuwe Fontein 89 » Portion 0 of Farm Rondavel 85 » Portion 1 of Farm Rondavel 85 » Portion 0 of Farm Kleinfontein 93 » Portion 1 of Farm Bult & Rieffontein 96 » Remaining extent of Portion 3 of Farm Schietkuil

Savannah Environmental website: <https://savannahsa.com/public-documents/grid-infrastructure/the-great-karoo-cluster-grid-connection-infrastructure/>

Scoping & Environmental Impact Assessment (S&EIA) & Basic Assessment (BA) Processes: In terms of Sections 24 & 24D of the National Environmental Management Act (No 107 of 1998), as read with Government Notice R324 – R327, as amended, a S&EIA process is required for each renewable energy facility. Similarly, a BA process is required for the grid connection infrastructure. Savannah Environmental is undertaking the required S&EIA, BA, & public participation processes for these projects.

EIA Reports & BA Report available for review & comment: The EIA Reports for the PV facilities and the Merino Wind Farm are available for download, review, & comment on the Savannah Environmental website (see applicable links in tables above). The 30-day review & comment period of the EIA Reports is from **Friday, 13 May 2022** until **Monday, 13 June 2022**. The 30-day review & comment period of the BA Report for the grid connection infrastructure is from **Friday, 20 May 2022** until **Monday, 20 June 2022**. The availability of the EIA Report for the Angora Wind Farm, as well as the 30-day review and comment period will be communicated in due course.

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To obtain further information & register on the project database, please submit your name, contact information & interest in the project to the contact person below.

Nicolene Venter or Nondumiso Bulunga at Savannah Environmental
 P.O. Box 148, Sunninghill, 2157
 Tel: 011 656 3237 / Fax: 086 684 0547
 Mobile: 060 978 8396 (including please call me)
 Email: publicprocess@savannahsa.com
 Website: www.savannahsa.com



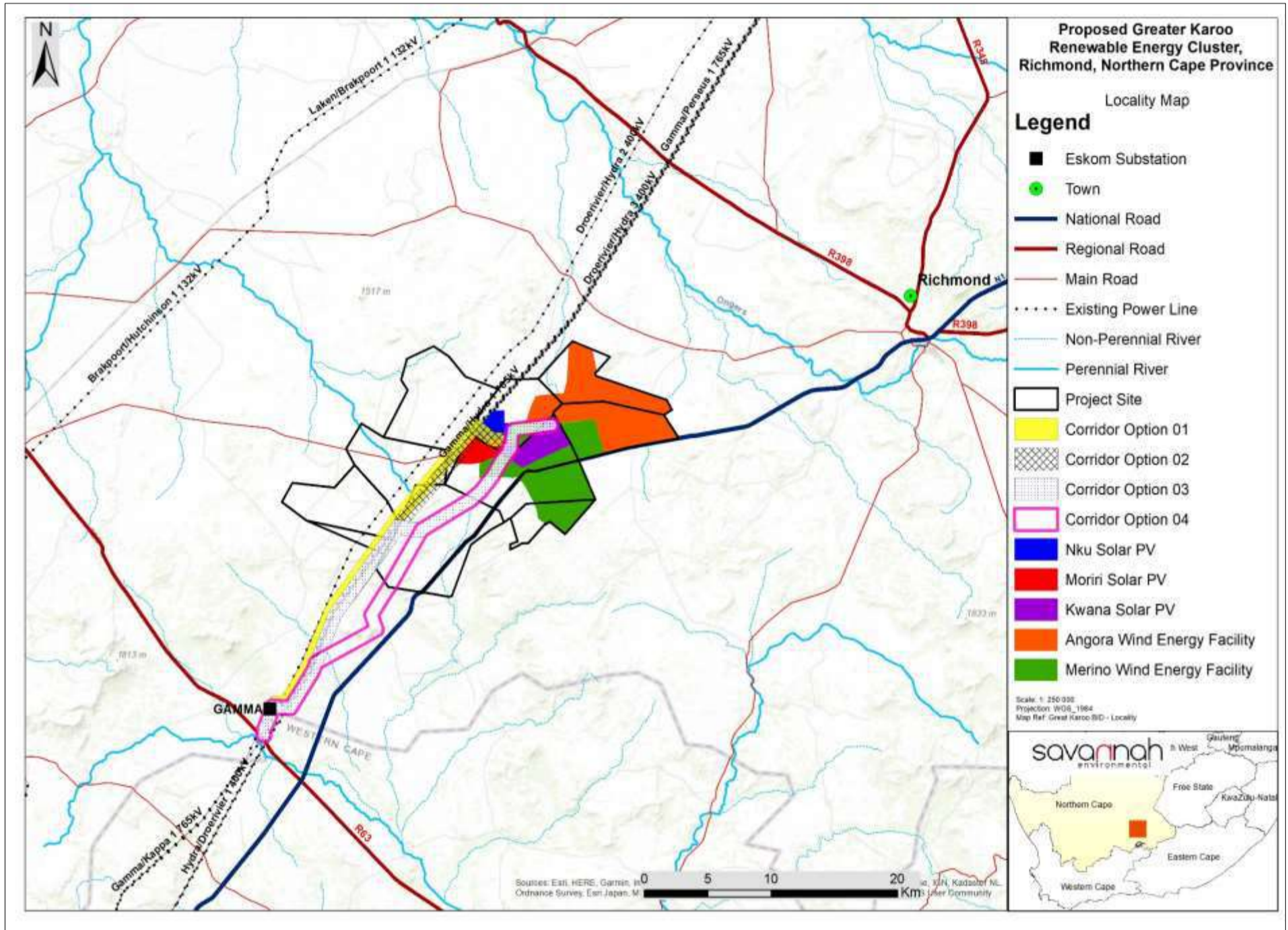
SCOPING PHASE

Site Notices

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT, BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESSES FOR THE PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE, NEAR RICHMOND, NORTHERN CAPE PROVINCE

Applicant: Great Karoo Renewable Energy (Pty) Ltd.

Proposed Activity: Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW energy facilities. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation.



Infrastructure associated with each Solar PV Facility will include:

- » Solar PV array comprising PV modules and mounting structures.
- » Inverters and transformers.
- » Cabling between the panels.
- » 33/132kV onsite facility substation.
- » Cabling from the onsite substation to the collector substation (either underground or overhead).
- » Electrical and auxiliary equipment required at the collector substation that serves that solar energy facility, including switchyard/bay, control building, fences etc.
- » Battery Energy Storage System (BESS).
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.
- » Laydown areas.
- » Access roads and internal distribution roads.

Infrastructure associated with each Wind Energy Facility will include:

- » Wind turbines
- » Concrete turbine foundations and turbine hardstands.
- » Inverters and transformers.
- » Temporary laydown areas which will accommodate storage and assembly areas.
- » Cabling between the turbines, to be laid underground where practical.
- » A temporary concrete batching plant.
- » 33/132kV onsite facility substation.
- » Underground cabling from the onsite substation to the collector substation.
- » Electrical and auxiliary equipment required at the collector substation that serves that wind energy facility, including switchyard/bay, control building, fences etc.
- » Battery Energy Storage System (BESS).
- » Access roads and internal distribution roads.
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.

The grid connection infrastructure for all projects will include:

- » Central collector substation which consists of:
 - 33/132kV collector substation.
 - Associated equipment, infrastructure and buildings.
 - Temporary and permanent laydown areas.
- » Distribution Line:
 - * A double-circuit 132kV distribution line to connect the central collector 132kV substation to the existing Eskom Gamma Substation will be constructed.

The details for the respective projects are as follows:

Project Name	Generating capacity	Farm Name and No.	Portion No.
Nku Solar PV Facility	100MW	Rondavel 85	0 & 1
Moriri Solar PV Facility	100MW	Rondavel 85	0 & 1
Kwana Solar PV Facility	100MW	Rondavel 85	0 & 1
Angora Wind Energy Facility	140MW	Gegundefontein 53	11
		Vogelstruisfontein 84	0
		Rondavel 85	0 & 1
Merino Wind Energy Facility	140MW	Rondavel 85	0 & 1
		Bult & Rietfontein 96	9
		Vogelstruisfontein 84	0

Electrical Grid Infrastructure (EGI)	Capacity	Farm Name and Portion	Infrastructure components
Collector EGI	132kV	<ul style="list-style-type: none"> » Portion 0 of Farm Annex Rondavel 86 » Portion 1 of Farm Annex Rondavel 86 » Portion 1 of Farm Uit Vlucht Fontein 265 » Portion 0 of Farm Wynandsfontein 91 » Portion 1 of Farm Wynandsfontein 91 » Portion 3 of Farm Vlekfontein 90 » Portion 0 of Farm Burgersfontein 92 » Portion 1 of Farm Nieuwe Fontein 89 » Portion 0 of Farm Rondavel 85 » Portion 1 of Farm Rondavel 85 » Portion 0 of Farm Kleinfontein 93 » Portion 8 of Farm Jan Booyens Onder Plaats 94 » Portion 1 of Farm Bult & Rietfontein 96 » Remaining extent of Farm 3 	<ul style="list-style-type: none"> » 132kV collector substation and associated 132kV power line

Applications for Environmental Authorisation: Each renewable energy facility will be constructed as a separate stand-alone project and therefore, separate Scoping and Environmental Impact Assessment (S&EIA) processes will be undertaken for each facility. Similarly, the grid connection solution will be subjected to a separate Basic Assessment (BA) process which will consider feasible alternatives for the power line corridors. Each respective renewable facility project and the grid connection infrastructure require applications for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and 2014 EIA Regulations (GNR 326), which are required to be supported by S&EIA processes for each renewable energy facility and a BA process for the grid connection infrastructure.

Public Participation Process: Savannah Environmental (Pty) Ltd has been appointed as the environmental consultant responsible for undertaking the respective S&EIA, BA and Public Participation processes in support of the applications for EA. Due to the proximity of the renewable energy facilities and grid connection solution to one another, the EIA processes and public participation processes for the projects will be undertaken concurrently, providing the public with an opportunity to understand the full extent of the development proposed and comment on each of the projects. **To obtain further information on the projects and to register on the project databases, please submit your name, contact information and interest in the project, in writing, to:**

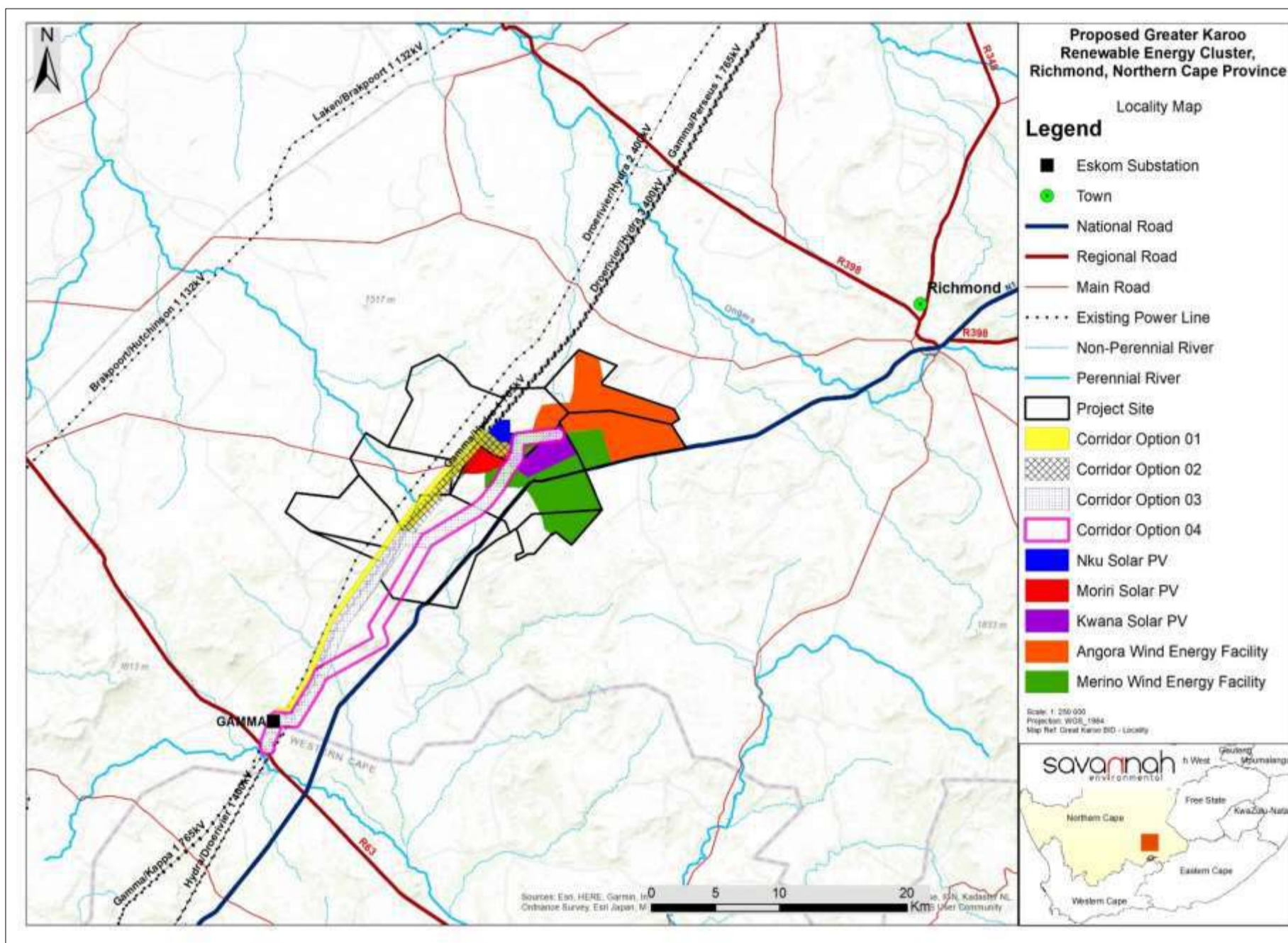
Nicolene Venter at Savannah Environmental
P.O. Box 148, Sunninghill, 2157
Tel: 011 656 3237
Fax: 086 684 0547
Email: publicprocess@savannahsa.com
Website: www.savannahsa.com



KENNISGEWING VAN OMGEWINGSIMPAKEVALUERING, BASIESE EVALUERING EN OPENBARE DEELNAMEPROSESSE VIR DIE BEOOGDE ONTWIKKELING VAN DIE GROOT KAROO GROEP HERNUBARE KRAGAAANLEGTE EN ROOSTERKONNEKSIE-INFRASTRUKTUUR NABY RICHMOND, NOORD-KAAPROVINSIE

Applikant: Great Karoo Renewable Energy (Edms.) Bpk.

Beoogde aktiwiteit: Great Karoo Renewable Energy (Edms.) Bpk. beoog die ontwikkeling van 'n groep hernubare kragaanlegte en verwante infrastruktuur, met insluiting van Elektriese Kragnetinfrastruktuur (EKI), ~ 35 km suidwes van die dorp Richmond met die N1 langs en 80 km suidoos van Victoria-Wes met die R63 langs in die Noord-Kaaprovinsie. Die groep bestaan uit drie (3) fotovoltaïese (FV) sonkragaanlegte van 100 MW en twee (2) windkragaanlegte van 140 MW. Die roosterkonneksie-infrastruktuur vir al die projekte sal 'n sentrale kollektorsubstasie van 132 kV en 'n dubbelkring kraglyn van 132 kV tot by Eskom se bestaande Gamma-substasie insluit.



Infrastruktuur wat met elk van die FV-sonkragaanlegte verband hou, sal insluit:

- » FV-sonkragreeks bestaande uit FV-modules en monteerstrukture;
- » wisselrigters en transformators;
- » kables tussen die panele;
- » 33/132 kV interne aanlegsubstasie;
- » kables van die interne substasie af tot by die kollektorsubstasie (hetsy ondergronds of oorhoofs);
- » elektriese en hulptoerusting wat by die kollektorsubstasie benodig word wat daardie sonkragaanleg bedien, met insluiting van 'n skakelwerf/-vak, beheergebou, heidings, ens.
- » 'n batterykragbergingstelsel (BESS);
- » terreinkantore en instandhoudingsgeboue, met insluiting van werkswinkelgebiede vir instandhouding en berging;
- » stapelwerwe; en
- » toegangspaaie en interne distribusiepaaië.

Infrastruktuur wat met elke Windkragaanleg verband hou, sal insluit:

- » windturbines;
- » betonfondasies en vaste blaaië vir turbines;
- » wisselrigters en transformators;
- » tydelike stapelwerwe wat die bergings- en monteergebiede sal huisves;
- » kables tussen die turbines, wat ondergronds gelê moet word waar dit prakties moontlik is;
- » 'n tydelike beton lotaanleg;
- » 33/132 kV interne aanlegsubstasie;
- » ondergrondse kables van die interne substasie af tot by die kollektorsubstasie;
- » elektriese en hulptoerusting wat by die kollektorsubstasie benodig word wat daardie windkragaanleg bedien, met insluiting van 'n skakelwerf/-vak, beheergebou, heidings, ens.
- » 'n batterykragbergingstelsel (BESS);
- » toegangspaaie en interne distribusiepaaië;
- » terreinkantore en instandhoudingsgeboue, met insluiting van werkswinkelgebiede vir instandhouding en berging.

Die roosterkonneksie-infrastruktuur vir alle projekte sal insluit:

- » Sentrale kollektorsubstasie bestaande uit:
 - 33/132 kV kollektorsubstasie;
 - verwante toerusting, infrastruktuur en geboue;
 - tydelike en permanente stapelwerfgebiede;
- » Distribusielyn:
 - * 'n Dubbelkring 132 kV distribusielyn sal opgerig word om die sentrale 132 kV distribusie-substasie met Eskom se bestaande Gamma-substasie te verbind.

Die besonderhede vir die onderskeie projekte is soos volg:

Projeknaam	Opwekkingsvermoë	Plaasnaam en -no.	Gedeelfeno.
Nku FV-sonkragaanleg	100 MW	Rondavel 85	0 & 1
Moriri FV-sonkragaanleg	100 MW	Rondavel 85	0 & 1
Kwana FV-sonkragaanleg	100 MW	Rondavel 85	0 & 1
Angora Windkragaanleg	140 MW	Gegundefontein 53	11
		Vogelstruisfontein 84	0
		Rondavel 85	0 & 1
Merino Windkragaanleg	140 MW	Rondavel 85	0 & 1
		Bult & Rietfontein 96	9
		Vogelstruisfontein 84	0

Elektriese kragetinfrastruktuur (EKI)	Vermoë	Plaasnaam en -gedeelte	Infrastruktuurkomponente
Kollektor-EKI	132 kV	<ul style="list-style-type: none"> » Gedeelte 0 van die plaas Annex Rondavel 86 » Gedeelte 1 van die plaas Annex Rondavel 86 » Gedeelte 1 van die plaas Uit Vlucht Fontein 265 » Gedeelte 0 van die plaas Wynandsfontein 91 » Gedeelte 1 van die plaas Wynandsfontein 91 » Gedeelte 3 van die plaas Vlekfontein 90 » Gedeelte 0 van die plaas Burgersfontein 92 » Gedeelte 1 van die plaas Nieuwe Fontein 89 » Gedeelte 0 van die plaas Rondavel 85 » Gedeelte 1 van die plaas Rondavel 85 » Gedeelte 0 van die plaas Kleinfontein 93 » Gedeelte 8 van die plaas Jan Booyens Onder Plaats 94 » Gedeelte 1 van die plaas Bult & Rietfontein 96 » Restant van Plaas 3 	<ul style="list-style-type: none"> » 132 kV kollektorsubstasie en verwante 132 kV kraglyn

Aansoeke om Omgewingsmagtiging: Elke hernubare kragaanleg sal as 'n aparte losstaande projek opgerig word, gevolglik sal aparte Bestekopname- en Omgewingsimpakevalueringprosesse (B- & OIE-prosesse) vir elke aanleg onderneem word. Eweneens sal die roosterkonneksie-oplossing onderwerp word aan 'n aparte Basiese Evalueringproses (BE-proses), wat oorweging aan bedryfbare alternatiewe vir die kraglynkorridors sal skenk. Elke onderskeie hernubare aanlegprojek en die roosterkonneksie-infrastruktuur vereis aansoeke om Omgewingsmagtiging (OM) ingevolge die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) (NEMA) en die 2014 OIE-regulasies (Staatskennisgewing R326), wat deur B&OIE-prosesse vir elke hernubare kragaanleg en 'n BE-proses vir die roosterkonneksie-infrastruktuur ondersteun moet word.

Openbare Deelnameprosesse: Savannah Environmental (Edms.) Bpk. is aangestel as die omgewingskonsultant wat verantwoordelik is om die onderskeie B&OIE-, BE- en Openbare Deelnameprosesse ter staving van die aansoeke om OM te onderneem. Weens die nabyheid van die hernubare kragaanlegte en die kragnetkonneksie-oplossings aan mekaar, sal die OIE-prosesse en openbare deelnameprosesse vir die projekte gelyklopend onderneem word, wat die publiek 'n geleentheid sal bied om die volle omvang van die beoogde ontwikkelings te verstaan en op elkeen van die projekte kommentaar te lewer. **Om meer inligting te bekom en om op die projekte se databasisse te registreer, verstrek asseblief u naam, kontakbesonderhede en belang by die projek skriftelik aan:**

Nicolene Venter by Savannah Environmental
 Posbus 148, Sunninghill, 2157
 Tel: 011 656 3237
 Faks: 086 684 0547
 E-pos: publicprocess@savannahsa.com
 Webwerf: www.savannahsa.com

savannah
 environmental

PROOF OF SITE NOTICES (Date placed: Wednesday, 29 September 2021)



Process Notices

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT, BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESSES FOR THE PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE, NEAR RICHMOND, NORTHERN CAPE PROVINCE

Applicant: Great Karoo Renewable Energy (Pty) Ltd.

Proposed Activity: Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW energy facilities. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation.

Infrastructure associated with each Solar PV Facility will include:

- » Solar PV array comprising PV modules and mounting structures.
- » Inverters and transformers.
- » Cabling between the panels.
- » 33/132kV onsite facility substation.
- » Cabling from the onsite substation to the collector substation (either underground or overhead).
- » Electrical and auxiliary equipment required at the collector substation that serves that solar energy facility, including switchyard/bay, control building, fences etc.
- » Battery Energy Storage System (BESS).
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.
- » Laydown areas.
- » Access roads and internal distribution roads.

Infrastructure associated with each Wind Energy Facility will include:

- » Wind turbines
- » Concrete turbine foundations and turbine hardstands.
- » Inverters and transformers.
- » Temporary laydown areas which will accommodate storage and assembly areas.
- » Cabling between the turbines, to be laid underground where practical.
- » A temporary concrete batching plant.
- » 33/132kV onsite facility substation.
- » Underground cabling from the onsite substation to the collector substation.
- » Electrical and auxiliary equipment required at the collector substation that serves that wind energy facility, including switchyard/bay, control building, fences etc.
- » Battery Energy Storage System (BESS).
- » Access roads and internal distribution roads.
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.

The grid connection infrastructure for all projects will include:

- » Central collector substation which consists of:
 - 33/132kV collector substation.
 - Associated equipment, infrastructure and buildings.
 - Temporary and permanent laydown areas.
- » Distribution Line:
 - * A double-circuit 132kV distribution line to connect the central collector 132kV substation to the existing Eskom Gamma Substation will be constructed.

The details for the respective projects are as follows:

Project Name	Generating capacity	Farm Name and No.	Portion No.
Nku Solar PV Facility	100MW	Rondavel 85	0 & 1
Moriri Solar PV Facility	100MW	Rondavel 85	0 & 1
Kwana Solar PV Facility	100MW	Rondavel 85	0 & 1
Angora Wind Energy Facility	140MW	Gegundefontein 53	11
		Vogelstruisfontein 84	0
		Rondavel 85	0 & 1
Merino Wind Energy Facility	140MW	Rondavel 85	0 & 1
		Bult & Rietfontein 96	9
		Vogelstruisfontein 84	0

Electrical Grid Infrastructure (EGI)	Capacity	Farm Name and Portion	Infrastructure components
Collector EGI	132kV	<ul style="list-style-type: none"> » Portion 0 of Farm Annex Rondavel 86 » Portion 1 of Farm Annex Rondavel 86 » Portion 1 of Farm Uit Vlucht Fontein 265 » Portion 0 of Farm Wynandsfontein 91 » Portion 1 of Farm Wynandsfontein 91 » Portion 3 of Farm Vlefontein 90 » Portion 0 of Farm Burgersfontein 92 » Portion 1 of Farm Nieuwe Fontein 89 » Portion 0 of Farm Rondavel 85 » Portion 1 of Farm Rondavel 85 » Portion 0 of Farm Kleinfontein 93 » Portion 8 of Farm Jan Booyens Onder Plaats 94 » Portion 1 of Farm Bult & Rietfontein 96 » Remaining extent of Farm 3 	<ul style="list-style-type: none"> » 132kV collector substation and associated 132kV power line

Applications for Environmental Authorisation: Each renewable energy facility will be constructed as a separate stand-alone project and therefore, separate Scoping and Environmental Impact Assessment (S&EIA) processes will be undertaken for each facility. Similarly, the grid connection solution will be subjected to a separate Basic Assessment (BA) process which will consider feasible alternatives for the power line corridors. Each respective renewable facility project and the grid connection infrastructure require applications for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and 2014 EIA Regulations (GNR 326), which are required to be supported by S&EIA processes for each renewable energy facility and a BA process for the grid connection infrastructure.

Public Participation Process: Savannah Environmental (Pty) Ltd has been appointed as the environmental consultant responsible for undertaking the respective S&EIA, BA and Public Participation processes in support of the applications for EA. Due to the proximity of the renewable energy facilities and grid connection solution to one another, the EIA processes and public participation processes for the projects will be undertaken concurrently, providing the public with an opportunity to understand the full extent of the development proposed and comment on each of the projects. **To obtain further information on the projects and to register on the project databases, please submit your name, contact information and interest in the project, in writing, to:**

Nicolene Venter at Savannah Environmental
 P.O. Box 148, Sunninghill, 2157
 Email: publicprocess@savannahsa.com
 Tel: 011 656 3237 / Fax: 086 684 0547
 Website: www.savannahsa.com



KENNISGEWING VAN OMGEWINGSIMPAKEVALUERING, BASIESE EVALUERING EN OPENBARE DEELNAMEPROSESSE VIR DIE BEOOGDE ONTWIKKELING VAN DIE GROOT KAROO GROEP HERNUBARE KRAGANLEGTE EN ROOSTERKONNEKSIE-INFRASTRUKTUUR NABY RICHMOND, NOORD-KAAPROVINSIE

Applikant: Great Karoo Renewable Energy (Edms.) Bpk.

Beoogde aktiwiteit: Great Karoo Renewable Energy (Edms.) Bpk. beoog die ontwikkeling van 'n groep hernubare kragaanlegte en verwante infrastruktuur, met insluiting van Elektriese Kragnetinfrastruktuur (EKI), ~ 35 km suidwes van die dorp Richmond met die N1 langs en 80 km suidoos van Victoria-Wes met die R63 langs in die Noord-Kaapprovinsie. Die groep bestaan uit drie (3) fotovoltaïese (FV) sonkragaanlegte van 100 MW en twee (2) windkragaanlegte van 140 MW. Die roosterkonneksie-infrastruktuur vir al die projekte sal een sentrale kollektorsubstasie van 132 kV en 'n dubbelkring kraglyn van 132 kV tot by Eskom se bestaande Gamma-substasie insluit.

Infrastruktuur wat met elk van die FV-sonkragaanlegte verband hou, sal insluit:

- » FV-sonkragreeks bestaande uit FV-modules en monteerstrukture;
- » wisselrigters en transformators;
- » kables tussen die panele;
- » 33/132 kV interne aanlegsubstasie;
- » kables van die interne substasie af tot by die kollektorsubstasie (hetsy ondergronds of oorhoofs);
- » elektriese en hulptoerusting wat by die kollektorsubstasie benodig word wat daardie sonkragaanleg bedien, met insluiting van 'n skakelwerf/-vak, beheergebou, heidings, ens.
- » 'n batterykragbergingstelsel (BESS);
- » terreinkantore en instandhoudingsgeboue, met insluiting van werkswinkelgebiede vir instandhouding en berging;
- » stapelwerwe; en
- » toegangspaaie en interne distrusisepaaie.

Infrastruktuur wat met elke Windkragaanleg verband hou, sal insluit:

- » windturbines;
- » betonfondasies en vaste blaai vir turbines;
- » wisselrigters en transformators;
- » tydelike stapelwerwe wat die bergings- en monteergebiede sal huisves;
- » kables tussen die turbines, wat ondergronds gelê moet word waar dit prakties moontlik is;
- » 'n tydelike beton lotaanleg;
- » 33/132 kV interne aanlegsubstasie;
- » ondergrondse kables van die interne substasie af tot by die kollektorsubstasie;
- » elektriese en hulptoerusting wat by die kollektorsubstasie benodig word wat daardie windkragaanleg bedien, met insluiting van 'n skakelwerf/-vak, beheergebou, heidings, ens.
- » 'n batterykragbergingstelsel (BESS);
- » toegangspaaie en interne distrusisepaaie;
- » terreinkantore en instandhoudingsgeboue, met insluiting van werkswinkelgebiede vir instandhouding en berging.

Die roosterkonneksie-infrastruktuur vir alle projekte sal insluit:

- » Sentrale kollektorsubstasie bestaande uit:
 - 33/132 kV kollektorsubstasie;
 - verwante toerusting, infrastruktuur en geboue;
 - tydelike en permanente stapelwerfgebiede;
- » Distribusielyn:
 - * 'n Dubbelkring 132 kV distrusielyn sal opgerig word om die sentrale 132 kV distrusiesubstasie met Eskom se bestaande Gamma-substasie te verbind.

Die besonderhede vir die onderskeie projekte is soos volg:

Projeknaam	Opwekkingsvermoë	Plaasnaam en -no.	Gedeeltno.
Nku FV-sonkragaanleg	100 MW	Rondavel 85	0 & 1
Moriri FV-sonkragaanleg	100 MW	Rondavel 85	0 & 1
Kwana FV-sonkragaanleg	100 MW	Rondavel 85	0 & 1
Angora Windkragaanleg	140 MW	Gegundefontein 53 Ptn 11 / Vogelstruisfontein 84 Ptn 0 / Rondavel 85 Ptns 0 & 1	11
Merino Windkragaanleg	140 MW	Rondavel 85 Ptns 0 & 1 / Bult & Rietfontein 96 Ptn 9 / Vogelstruisfontein 84 Ptn 0	0 & 1

Elektriese kragnetinfrastruktuur (EKI)	Vermoë	Plaasnaam en -gedeelte	Infrastruktuurkomponente
Kollektor-EKI	132 kV	<ul style="list-style-type: none"> » Gedeelte 0 van die plaas Annex Rondavel 86 » Gedeelte 1 van die plaas Annex Rondavel 86 » Gedeelte 1 van die plaas Uit Vlucht Fontein 265 » Gedeelte 0 van die plaas Wynandsfontein 91 » Gedeelte 1 van die plaas Wynandsfontein 91 » Gedeelte 3 van die plaas Vlefontein 90 » Gedeelte 0 van die plaas Burgersfontein 92 » Gedeelte 1 van die plaas Nieuwe Fontein 89 » Gedeelte 0 van die plaas Rondavel 85 » Gedeelte 1 van die plaas Rondavel 85 » Gedeelte 0 van die plaas Kleinfontein 93 » Gedeelte 8 van die plaas Jan Booysens Onder Plaats 94 » Gedeelte 1 van die plaas Bult & Rietfontein 96 » Restant van Plaas 3 	<ul style="list-style-type: none"> » 132 kV kollektorsubstasie en verwante 132 kV kraglyn

Aansoeke om Omgewingsmagtiging: Elke hernubare kragaanleg sal as 'n aparte losstaande projek opgerig word, gevolglik sal aparte Bestekopname- en Omgewingsimpevalueringprosesse (B- & OIE-prosesse) vir elke aanleg onderneem word. Eweneens sal die roosterkonneksie-oplossing onderwerp word aan 'n aparte Basiese Evalueringproses (BE-proses), wat oorweging aan bedryfbare alternatiewe vir die kraglynkorridors sal skenk. Elke onderskeie hernubare aanlegprojek en die roosterkonneksie-infrastruktuur vereis aansoeke om Omgewingsmagtiging (OM) ingevolge die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) (NEMA) en die 2014 OIE-regulasies (Staatskennisgewing R326), wat deur B&OIE-prosesse vir elke hernubare kragaanleg en 'n BE-proses vir die roosterkonneksie-infrastruktuur ondersteun moet word.

Openbare Deelnameprosesse: Savannah Environmental (Edms.) Bpk. is aangestel as die omgewingskonsultant wat verantwoordelik is om die onderskeie B&OIE-, BE- en Openbare Deelnameprosesse ter staving van die aansoeke om OM te onderneem. Weens die nabyheid van die hernubare kragaanlegte en die kragnetkonneksie-oplossings aan mekaar, sal die OIE-prosesse en openbare deelnameprosesse vir die projekte gelyklopend onderneem word, wat die publiek 'n geleentheid sal bied om die volle omvang van die beoogde ontwikkelings te verstaan en op elkeen van die projekte kommentaar te lewer. **Om meer inligting te bekom en om op die projekte se databasisse te registreer, verstrek asseblief u naam, kontakbesonderhede en belang by die projek skriftelik aan:**

Nicolene Venter by Savannah Environmental

Posbus 148, Sunninghill, 2157

E-pos: publicprocess@savannahsa.com

Tel: 011 656 3237 / Faks: 086 684 0547

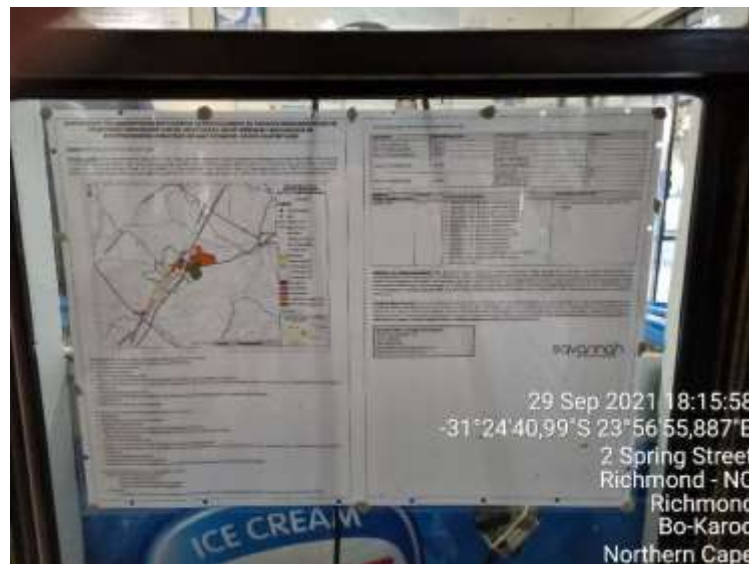
Webwerf: www.savannahsa.com



PROOF OF PROCESS NOTICES (Date placed: Wednesday, 29 September 2021 – Richmond)

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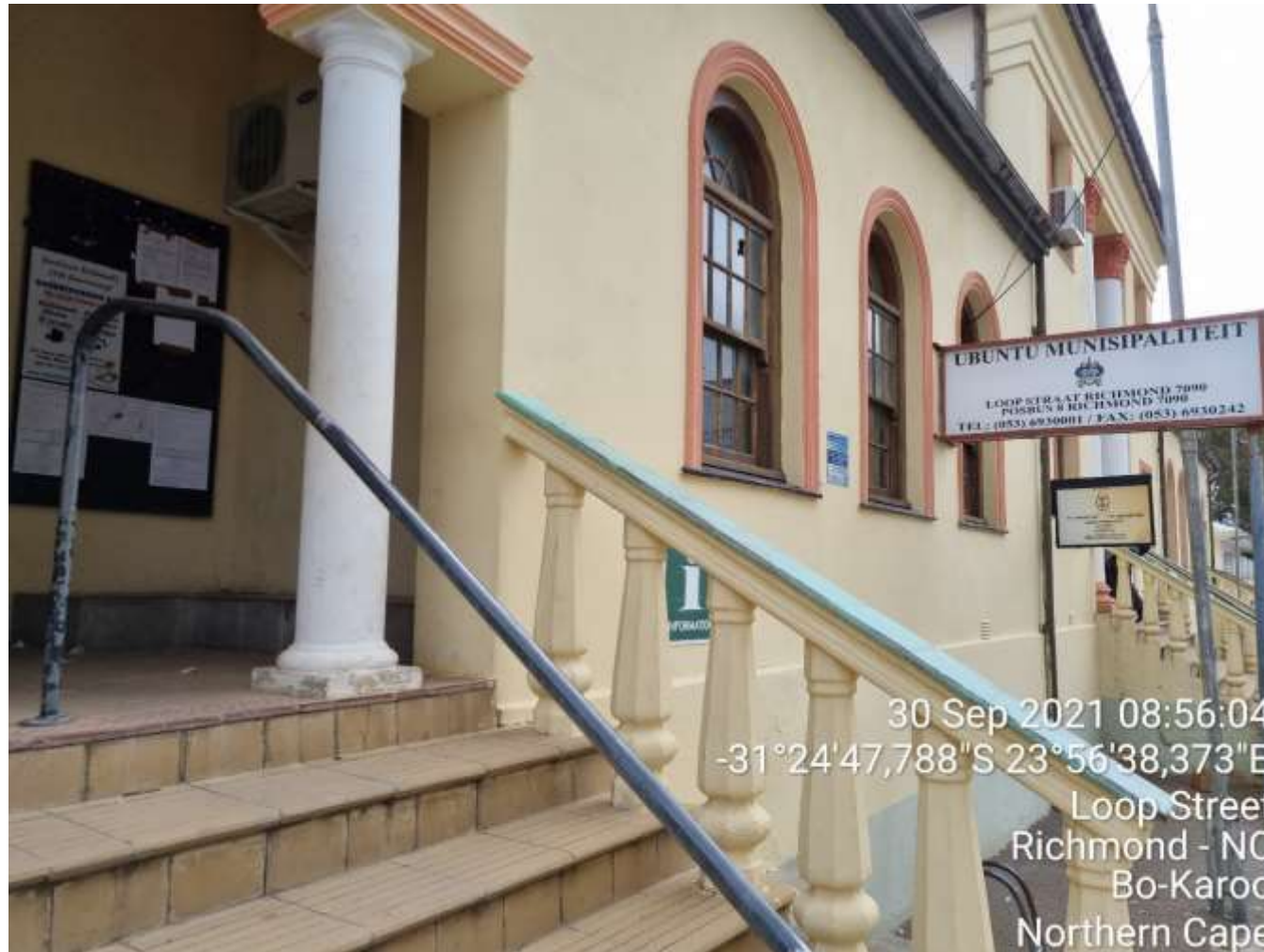




PEP STORE



UBUNTU MUNICIPALITY OFFICES





SPAR – VICTORIA WEST





CLINIC – VICTORIA WEST



30 Sep 2021 12:06:24
-31°24'23,944"S 23°7'1,834"E
16 Voortrekker Street
Victoria West
Bo-Karoo
Northern Cape



Advertisements

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT, BASIC ASSESSMENT & PUBLIC PARTICIPATION PROCESSES FOR THE PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION INFRASTRUCTURE, NEAR RICHMOND, NORTHERN CAPE PROVINCE

Applicant: Great Karoo Renewable Energy (Pty) Ltd.

Proposed Activity: Establishment of three (3) Solar Photovoltaic (PV) Energy Facilities, two (2) Wind Energy Facilities & grid connection infrastructure comprising a 132kV central collector substation & a 132kV power line to enable the connection of five (5) renewable energy facilities to the national grid for the evacuation of the generated electricity. The connection point to the national grid will be the existing Eskom Gamma Substation. Infrastructure associated with each project includes:

Solar Energy Facilities	Wind Energy Facilities	Grid Connection Infrastructure
<ul style="list-style-type: none"> » Solar PV array comprising PV modules & mounting structures. » Inverters & transformers. » Cabling between the panels. » 33/132kV onsite facility substation. » Cabling from the onsite substation to the collector substation (either underground or overhead). » Electrical & auxiliary equipment required at the collector substation that serves that solar energy facility, including switchyard/bay, control building, fences, etc. » Battery Energy Storage System (BESS). » Site offices & maintenance buildings, including workshop areas for maintenance & storage. » Laydown areas. » Access roads & internal distribution roads. 	<ul style="list-style-type: none"> » Wind turbines. » Concrete turbine foundations & turbine hardstands. » Inverters & transformers. » Temporary laydown areas which will accommodate storage & assembly areas. » Cabling between the turbines, to be laid underground where practical. » A temporary concrete batching plant. » 33/132kV onsite facility substation. » Underground cabling from the onsite substation to the collector substation. » Electrical & auxiliary equipment required at the collector substation that serves that wind energy facility, including switchyard/bay, control building, fences, etc. » Battery Energy Storage System (BESS). » Access roads & internal distribution roads. » Site offices & maintenance buildings, including workshop areas for maintenance & storage. 	<ul style="list-style-type: none"> » Central collector substation which consists of: <ul style="list-style-type: none"> * 33/132kV collector substation. * Associated equipment, infrastructure, & buildings. * Temporary & permanent laydown areas. » Distribution Line: <ul style="list-style-type: none"> * A double-circuit 132kV distribution line to connect the central collector 132kV substation to the existing Eskom Gamma Substation will be constructed.

Project Location: The five (5) proposed renewable energy facilities, along with their associated grid connection infrastructure, are located approximately 35km South-West of Richmond along the N1 & approximately 80km South-East of Victoria West along the R63 in the Northern Cape Province, within the Ubuntu Local Municipality, & the Pixley Ka Seme District Municipality. A portion (approximately 2km) of the 132kV power line that will connect the 132kV central collector substation to the Eskom Gamma Substation falls within the Beaufort West Local Municipality which forms part of the greater Cape Winelands District Municipality in the Western Cape Province.

Solar Energy Facilities 100MW		Wind Energy Facilities 140MW	
Project	Property	Project	Properties
Nku Solar PV Facility	» Farm Rondavel 85 (Portion 0 & 1)	Angora Wind Energy Facility	» Portion 11 of Farm Gegundefontein 53
Moriri Solar PV Facility			» Portion 0 of Farm Vogelstruisfontein 84
Kwana Solar PV Facility		Merino Wind Energy Facility	» Portion 1 of Farm Rondavel 85
			» Portion 0 of Farm Rondavel 85
			» Portion 9 of Farm Bult & Rietfontein 96

Savannah Environmental website: <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>

Collector Electrical Grid Infrastructure (EGI)		
Project	Properties	
Collector EGI (132kV)	<ul style="list-style-type: none"> » Portion 0 of Farm Annex Rondavel 86 » Portion 1 of Farm Annex Rondavel 86 » Portion 1 of Farm Uit Vlugt Fontein 265 » Portion 0 of Farm Wynandsfontein 91 » Portion 1 of Farm Wynandsfontein 91 » Portion 3 of Farm Vlekfontein 90 » Portion 0 of Farm Burgersfontein 92 	<ul style="list-style-type: none"> » Portion 1 of Farm Nieuwe Fontein 89 » Portion 0 of Farm Rondavel 85 » Portion 1 of Farm Rondavel 85 » Portion 0 of Farm Kleinfontein 93 » Portion 8 of Farm Jan Booyens Onder Plaats 94 » Portion 1 of Farm Bult & Rietfontein 96 » Remaining extent of Farm 3

Savannah Environmental website: <https://savannahsa.com/public-documents/grid-infrastructure/the-great-karoo-cluster-grid-connection-infrastructure/>

Scoping & Environmental Impact Assessment (S&EIA) & Basic Assessment (BA) Processes: In terms of Sections 24 & 24D of the National Environmental Management Act (No 107 of 1998), as read with Government Notice R324 – R327, as amended, a S&EIA process is required for each renewable energy facility. Similarly, a BA process is required for the grid connection infrastructure. Savannah Environmental is undertaking the required S&EIA, BA, & public participation processes for these projects.

Scoping Reports & BA Report available for review & comment: The Scoping & Reports for each of the renewable energy facilities are available for download, review, & comment on the Savannah Environmental website (see applicable link in table above). The 30-day review & comment period of the Scoping Reports is from **Friday, 12 November 2021** until **Monday, 13 December 2021**. The availability of the BA Report for the grid connection infrastructure for a 30-day review and comment period will be communicated in due course.

Information Session: Interested and affected parties (I&APs) are invited to attend the Information Session (poster display) which will take place at the Richmond Show Grounds on **Thursday, 2 December 2021** at **14:00**. The Information Session will take place in compliance with COVID-19 protocols, and attendees are limited to 12 persons at a time in the Hall. Please contact Nicolene Venter or Tumelo Mathulwe (details below) to register your attendance.

To obtain further information & register on the project database, please submit your name, contact information & interest in the project to the contact person below.

Nicolene Venter or Tumelo Mathulwe at Savannah Environmental
 P.O. Box 148, Sunninghill, 2157
 Tel: 011 656 3237
 Fax: 086 684 0547
 Mobile: 060 978 8396 (including please call me)
 Email: publicprocess@savannahsa.com
 Website: www.savannahsa.com



AGS Saamstaan Kontrei winkel

weereens 'n sukses

DE AAR – Die afgelope Saterdag, 6 November het die AGS kerk in Du Toitstraat hulle tweede Saamstaan Kontrei Winkel aangebied.

Reeds vroegoggend het die vure hoog gebrand om die wors en sosaties gereed te kry vir die besoekers. Uitstallers het hulle produkte gereed gekry en besoekers het opgedaag om die oggend in die ope lug te geniet. Hierdie keer is daar ook 'n kinderwedstryd aangebied en daar is in verskillende ouderdomsgroepe meegeding. Die wenner was as volg: Baba katagorie - Twinkle Star: Eerste: Liame en tweede Juan-Rie. 1 - 2 Jaar - Busy Bee: Eerste: Payton, tweede: Arabellah en derde Anna-Mae. 3 - 4 Jaar - Full of Joy: Eerste: Elin-Rie en tweede Cloé. Baie geluk aan hierdie kleuters.

Daar was 'n groot getal uitstallers en beslis iets vir een en almal se smaak. Heerlike basaarpoeding, worsrolle, sosaties, tuisgebak, lekkergoed, koeldrank, diereprodukte, vetplante, handgemaakte items en vele meer. Daar was ook gesigverf, donkiekarritte en 'n springkasteel vir die kleinspan. Besoekers het beslis heerlik saam gekuier onder die koelte bone.

Hierdie was weereens 'n suksesvolle kontrei winkel en die organiseerders is dankbaar teenoor elke borg en besoeker wat die dag moontlik gemaak het. Daar word reeds 'n volgende Kontrei winkel vir Februarie 2022 beplan. Daar word ook 'n veiling beplan en indien u enige goedere het wat u wil laat opveel of selfs wil uitstal is u welkom om vir Antonette Bisset by 074 579 7658 te skakel vir verdere inligting.



Die grootmense het ook nie terug gestaan nie en deel uitgemaak van die pret.



Daar is weereens heerlik saamgekuier by die AGS Kerk se Saamstaan Kontrei winkel.



Die wenner van die Baba Katagorie - Twinkle Star - Liamé.



Die wenner van die 1-2 jaar Katagorie - Busy Bee - Payton.



Tweede Plek van ons Baba Katagorie - Twinkle Star - Juan-Rie



Tweede Plek van ons 1-2 jaar Katagorie - Busy Bee - Arabellah

Taxpayers reminded to file returns ahead of deadline

THE South African Revenue Service (SARS) has urged individual non-provisional taxpayers to file their income tax returns on or before the deadline of 23 November 2021.

In a statement, the revenue collector warned that penalties would be levied on taxpayers who fail to submit their income tax returns by this deadline. "Taxpayers must note that according to changes in legislation, SARS will levy penalties from 1 December 2021 where one of more returns are outstanding. "Before the change in the legislation, SARS could only levy penalties where two or more returns were outstanding. This older rule will remain in place for one more year for 2020 and earlier returns," said the revenue service in a statement. SARS Commissioner Edward Kieswetter said the filing of a tax return is a legal obligation for those taxpayers who are required to file and contributes towards a culture of voluntary compliance. "But beyond the legal requirement to file a return, taxpayers who do the right thing are enabling government to meet the basic service needs of the poor and vulnerable by providing social grants and health care, amongst others," he said.

He said SARS had put in place a number of upgraded digital channels that are available 24/7. "This will help provide clarity and make it easy for taxpayers to meet the deadline of 23 November without any difficulty. These channels include amongst others, SARS eFiling, SARS MobiApp and an SMS service. More details are available on the SARS website," he said. Provisional taxpayers have until 31 January 2022 to fulfil all their filing obligations.

Kerssangdiens vind plaas

BRITSTOWN – Die jaar is amper om, en die NG Kerk Britstown is baie opgewonde oor die Feesseisoen wat vir voorlê!

NG Kerk Britstown bied volgende week die 21ste November, in Samewerking met DJ Muller 'n onvergeetlike Kerssangdiens aan. Die diens belooft om 'n belewenis te wees! Tydens die diens sal daar ook Nagmaal bedien word en die nuutste lidmate sal verwelkom word. Die verrigtinge begin om 09:00 en daar sal na die tyd verversings wees om lekker saam te kuier in die Kerkzaal.

Sien jou daar! Bring u hele gesin en geniet die Kerssangdiens saam met die gemeente.



Geagte Redakteur

Ek wil graag my misnoë uitspreek teenoor die swak dienslewering van ons plaaslike hospitaal.

Jy moet wag tot vyf ure voordat jy gehelp word, maar as jy geken word dan sal jy voorkeur kry. Daar is min personeel aan diens en die wat aan diens is gaan op tee of ete, terwyl jy wag om gehelp te word. Hulle gee net nie om oor jou toestand nie. 'n Mens kan nie glo dat so groot hospitaal so swak diens het nie, die ou hospitaal was baie beter. Daar sal beslis daadwerklik opgetree moet word.

Baie Dankie, Heinrich Louw, 071 173 3746.



Three learners from St John's Primary School represented the school at a Mathematics competition at Kareeville Primary School. The learners did very well and got the school two second places and one third place. The school is proud of these learners. F.l.t.r: Tamaryn Perry (Grade 5 - Second place), Asikelele Nothula (Grade 5 - Second place) and Keisha Grensville (Grade 4 - Third place).

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT, BASIC ASSESSMENT & PUBLIC PARTICIPATION PROCESSES FOR THE PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION INFRASTRUCTURE, NEAR RICHMOND, NORTHERN CAPE PROVINCE			
Applicant: Great Karoo Renewable Energy (Pty) Ltd.			
Proposed Activity: Establishment of three (3) Solar Photovoltaic (PV) Energy Facilities, two (2) Wind Energy Facilities & grid connection infrastructure comprising a 132kV central collector substation & a 132kV power line to enable the connection of five (5) renewable energy facilities to the national grid for the evacuation of the generated electricity. The connection point to the national grid will be the existing Eskom Gamma Substation. Infrastructure associated with each project include:			
<p>Solar Energy Facilities</p> <ul style="list-style-type: none"> Solar PV array comprising PV modules & mounting structures. Inverters & transformers. Cabling between the panels. 33/132kV onsite facility substation. Cabling from the onsite substation to the collector substation (either underground or overhead). Electrical & auxiliary equipment required at the collector substation that serves that solar energy facility, including switchyard/bay, control building, fences, etc. Battery Energy Storage System (BESS). Site offices & maintenance buildings, including workshop areas for maintenance & storage. Laydown areas. Access roads & internal distribution roads. 	<p>Wind Energy Facilities</p> <ul style="list-style-type: none"> Wind turbines. Concrete turbine foundations & turbine hardstands. Inverters & transformers. Temporary laydown areas which will accommodate storage & assembly areas. Cabling between the turbines, to be laid underground where practical. A temporary concrete batching plant. 33/132kV onsite facility substation. Underground cabling from the onsite substation to the collector substation. Electrical & auxiliary equipment required at the collector substation that serves that wind energy facility, including switchyard/bay, control building, fences, etc. Battery Energy Storage System (BESS). Access roads & internal distribution roads. Site offices & maintenance buildings, including workshop areas for maintenance & storage. 	<p>Grid Connection Infrastructure</p> <ul style="list-style-type: none"> Central collector substation which consists of: <ul style="list-style-type: none"> 33/132kV collector substation. Associated equipment, infrastructure, & buildings. Temporary & permanent laydown areas. Distribution Line: <ul style="list-style-type: none"> A double-circuit 132kV distribution line to connect the central collector 132kV substation to the existing Eskom Gamma Substation will be constructed. 	
Project Location: The five (5) proposed renewable energy facilities, along with their associated grid connection infrastructure, are located approximately 35km South-West of Richmond along the N1 & approximately 80km South-East of Victoria West along the R63 in the Northern Cape Province, within the Ubuntu Local Municipality, & the Pkley Ka Same District Municipality. A portion (approximately 2km) of the 132kV power line that will connect the 132kV central collector substation to the Eskom Gamma Substation falls within the Beaufort West Local Municipality which forms part of the greater Cape Winelands District Municipality in the Western Cape Province.			
Solar Energy Facilities 100MW		Wind Energy Facilities 140MW	
Project	Property	Project	Properties
Nku Solar PV Facility		Angara Wind Energy Facility	<ul style="list-style-type: none"> Portion 11 of Farm Gegundfontein 53 Portion 0 of Farm Vogelstruisfontein 84 Portion 1 of Farm Rondavel 85 Portion 0 of Farm Rondavel 85
Moriri Solar PV Facility	<ul style="list-style-type: none"> Farm Rondavel 85 (Portion 0 & 1) 	Merino Wind Energy Facility	<ul style="list-style-type: none"> Portion 1 of Farm Rondavel 85 Portion 0 of Farm Rondavel 85 Portion 9 of Farm Bult & Rietfontein 96
Kwana Solar PV Facility			
Savannah Environmental website: https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/			
Collector Electrical Grid Infrastructure (EGI)			
Project	Properties	Properties	
Collector EGI (132kV)	<ul style="list-style-type: none"> Portion 0 of Farm Annex Rondavel 86 Portion 1 of Farm Annex Rondavel 86 Portion 1 of Farm Uit Vlugt Fontein 265 Portion 0 of Farm Wynandsfontein 91 Portion 1 of Farm Wynandsfontein 91 Portion 3 of Farm Vieklfontein 90 Portion 0 of Farm Burgersfontein 92 	<ul style="list-style-type: none"> Portion 1 of Farm Nieuwe Fontein 89 Portion 0 of Farm Rondavel 85 Portion 1 of Farm Rondavel 85 Portion 0 of Farm Kleinfontein 93 Portion 8 of Farm Jan Booyens Onder Plaats 94 Portion 1 of Farm Bult & Rietfontein 96 Remaining extent of Farm 3 	
Savannah Environmental website: https://savannahsa.com/public-documents/grid-infrastructure/the-great-karoo-cluster-grid-connection-infrastructure/			
Scoping & Environmental Impact Assessment (S&EIA) & Basic Assessment (BA) Processes: In terms of Sections 24 & 24D of the National Environmental Management Act (No 107 of 1998), as read with Government Notice R324 – R327, as amended, a S&EIA process is required for each renewable energy facility. Similarly, a BA process is required for the grid connection infrastructure. Savannah Environmental is undertaking the required S&EIA, BA, & public participation processes for these projects.			
Scoping Reports & BA Report available for review & comment: The Scoping Reports for each of the renewable energy facilities are available for download, review, & comment on the Savannah Environmental website (see applicable link in table above). The 30-day review & comment period of the Scoping Reports is from Friday, 12 November 2021 until Monday, 13 December 2021 . The availability of the BA Report for the grid connection infrastructure for a 30-day review and comment period will be communicated in due course.			
Information Session: Interested and affected parties (I&APs) are invited to attend the Information Session (poster display) which will take place at the Richmond Show Grounds on Thursday, 2 December 2021 at 14:00 . The Information Session will take place in compliance with COVID-19 protocols, and attendees are limited to 12 persons at a time in the Hall. Please contact Nicole Venter or Tumelo Mathulwe (details below) to register your attendance.			
To obtain further information & register on the project database, please submit your name, contact information & interest in the project to the contact person below.			
<p>Nicole Venter or Tumelo Mathulwe at Savannah Environmental P.O. Box 148, Sunninghill, 2157 Tel: 011 656 3237 Fax: 086 684 0547 Mobile: 060 978 8396 (including please call me) Email: publicprocess@savannahsa.com</p>			



Derde Plek van ons 1-2 jaar Katagorie - Busy Bee - Anna-Mae.



Die wenner van die 3-4 jaar Katagorie - Full of Joy - Elin-Rie.



Tweede Plek van ons 3-4 jaar Katagorie - Full of Joy - Cloé



Reeds vroegoggend is daar vuur aangesteek wat gesorg het vir 'n heerlike atmosfeer.

GREAT KAROO RENEWABLE CLUSTER DEVELOPMENTS
LIVEREAD: RSG FM

UITSAAITYD:

- Saturday, 13 November 2021 – tussen 19h00 & 21h00
Afrikaans

Aan alle gemeenskapslede – die Great Karoo Sonkrag Hernubare Fotovoltaise and Windkrag ontwikkelings naby Richmond in die Noord-Kaapprovinsie word beplan . Savannah Environmental onderneem die Bestekopname en Omgewingsimpakevaluering en die Openbare Deelnameprosesse. Die Bestekopnameverslae vir die projekte is beskikbaar vir jou insae en kommentaar en aflaaibaar by www.savannahsa.com.

Die 30-dae insae en kommentaartydperk is vanaf **Vrydag, 12 November 2021** tot en met **Maandag, 13 Desember 2021**.

Vir meer inligting en om op die projekdatabasis te registreer, stuur jou naam en kontakligting aan Nicolene by 060 978 8396, of stuur 'n epos aan publicprocess@savannahsa.com.

UITSAAITYD

- Saturday, 04 December 2021 tussen 19h00 & 21h00

Aan alle gemeenskapslede – die Great Karoo Sonkrag Hernubare Fotovoltaise and Windkrag ontwikkelings naby Richmond in die Noord-Kaapprovinsie word beplan . Savannah Environmental onderneem die Bestekopname en Omgewingsimpakevaluering en die Openbare Deelnameprosesse. Die Bestekopnameverslae vir die projekte is beskikbaar vir jou insae en kommentaar en aflaaibaar by www.savannahsa.com.

Die 30-dae insae en kommentaartydperk eindig op **Maandag, 13 Desember 2021**.

Vir meer inligting en om op die projekdatabasis te registreer, stuur jou naam en kontakligting aan Nicolene by 060 978 8396 of stuur 'n epos aan publicprocess@savannahsa.com.



Commercial Enterprises
 C/O Artillery and Canary Roads
 Auckland Park 2092
 P.O. Box 91102 Auckland Park
 Tel: (011) 714-7020 Fax: (011) 714-7182

Date: Friday, November 12, 2021

Billing Client SAVANNAH ENVI 237061
Advertiser SAVANNAH ENVIRONMENTAL PTY
Campaign SAVANNAH ENVIRO
Booker
External Reference
Sales Person BASIL JACOBS

Order Number 221111
Date Created 2021/11/12
Business Type CLASSIC
Version 0
Start Date 2021/11/13
End Date 2021/12/04

Bill Month Nov-2021

Station RSG

Week Commence 2021/11/08

Time Channel	Dur	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Qty	Gross	Discount	Total	
19:00:00 - 20:59:59	60						1		1	1 680.00	0.00	1 680.00	
2021/11/08 Sub-Total									1	1	1 680.00	0.00	1 680.00
Nov-2021 Sub-Total									1	1	1 680.00	0.00	1 680.00

Bill Month Dec-2021

Station RSG

Week Commence 2021/11/29

Time Channel	Dur	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Qty	Gross	Discount	Total	
19:00:00 - 20:59:59	60						1		1	1 680.00	0.00	1 680.00	
2021/11/29 Sub-Total									1	1	1 680.00	0.00	1 680.00
Dec-2021 Sub-Total									1	1	1 680.00	0.00	1 680.00

Total Order Amount Excl. VAT	3 360.00
Discount	0.00
Added Value Amount	0.00
Sub-Total	3 360.00
Total VAT Amount	504.00
Total Including VAT	3 864.00

Terms & Conditions

SABC Standard Terms & Conditions Apply. All rates exclude V.A.T.



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SABC Standard Terms & Conditions Apply. All rates exclude V.A.T.

APPENDIX C3:
Background Information Document

SEPTEMBER
2021



ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND ASSOCIATED ELECTRICAL GRID INFRASTRUCTURE, NEAR RICHMOND

NORTHERN CAPE PROVINCE

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province (Figure 1). The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation.

Each renewable energy facility will be constructed as a separate stand-alone project and therefore, separate Scoping and Environmental Impact Assessment (S&EIA) processes will be undertaken for each of the renewable energy facilities. Similarly, the grid connection solution will be subjected to a separate Basic Assessment (BA) process which will consider feasible alternatives for the power line corridors. A combined six (6) applications for Environmental Authorisation (EA) are currently being pursued as follows:

- » Two (2) wind farm EAs.
- » Three (3) solar PV facility EAs.
- » One (1) central collector 132kV substation and double circuit 132kV power line EA.

Due to the proximity of the renewable energy facilities and their associated grid connection solution to one another, the public participation processes for the projects will be undertaken concurrently, providing the public with an opportunity to understand and provide comment on all the projects.

The Great Karoo cluster of renewable energy facilities, including the project names, infrastructure details, properties affected by the proposed facilities, EGI and associated infrastructure are shown in the Table below:



Project Name	Nku Solar PV Facility	Moriri Solar PV Facility	Kwana Solar PV Facility
	Portion 0 and 1 of Farm Rondavel 85	Portion 0 and 1 of Farm Rondavel 85	Portion 0 and 1 of Farm Rondavel 85
Contracted capacity	100MW	100MW	100MW
Technology	Solar Photovoltaic	Solar Photovoltaic	Solar Photovoltaic
On-site substation size and capacity	33/132kV on-site substation of 1000mx700m	33/132kV on-site substation of 1000mx700m	33/132kV on-site substation of 1000mx700m
Battery Energy Storage System	Footprint: 2 – 10ha, to be located within the footprint of the on-site substation Capacity: 200 - 800MWh.	Footprint: 2 – 10ha, to be located within the footprint of the on-site substation Capacity: 200 - 800MWh.	Footprint: 2 – 10ha, to be located within the footprint of the on-site substation Capacity: 200 - 800MWh.
Access roads (main and internal)	Gravel main access road: Will be part of wind farm internal road system. No additional access road required. If wind farm is constructed later, access road is 5km, of which 3.3 km is an existing gravel road to be upgraded.	Gravel main access road: Approximately 200 meters of new road will be constructed. Apart from that, the access road will be part of the wind farm internal road system. If the wind farm is constructed later, access road is 5km, of which 3.3 km is an existing gravel road to be upgraded. Internal roads: 4.5m wide with curve extensions	Gravel main access road: Will be part of wind farm internal road system. No additional access road required. If wind farm is constructed later, access road is 5km, of which 3.3 km is an existing gravel road to be upgraded. Internal roads: 4.5m wide with curve extensions
Other associated infrastructure	Cabling from the onsite substation to the collector substation area (either underground or overhead); centralised inverter stations or string inverters; cabling between panels, to be laid underground where practical; a temporary laydown area; staff accommodation; and operation and maintenance buildings, including a gate house and security building, control centre, offices, warehouses, a workshop, and visitor's centre. Each project will include all necessary electrical and auxiliary equipment required at the collector substation that serves that solar facility. This would include transformer, switchyard/bay, control building, fences etc.		



Wind energy facilities:

Project Name	Angora Wind Energy Facility	Merino Wind Energy Facility
Affected properties (i.e., project site)	<ul style="list-style-type: none"> Portion 11 of Farm Gegundefontein 53 Portion 0 of Farm Vogelstruisfontein 84 Portion 1 of Farm Rondavel 85 Portion 0 of Farm Rondavel 85 	<ul style="list-style-type: none"> Portion 1 of Farm Rondavel 85 Portion 0 of Farm Rondavel 85 Portion 9 of Farm Bult & Rietfontein 96
Contracted capacity	140MW	140MW
No. of turbines	23 – 45 pcs	23 – 45 pcs
Turbine hub height	110 – 170 m	110 – 170 m
Turbine tip height	170 – 250 m	170 – 250 m
Rotor diameter	125-180 m	125-180 m
On-site substation size and capacity	33/132kV on-site substation of 1000mx700m	33/132kV on-site substation of 1000mx700m
Battery Energy Storage System	<p>Footprint: 2 – 10ha, to be located within the footprint of the on-site substation</p> <p>Capacity: 200 - 800MWh.</p>	<p>Footprint: 2 – 10ha, to be located within the footprint of the on-site substation</p> <p>Capacity: 200 - 800MWh.</p>
Access roads (main and internal)	Approximately 30 km of new roads plus upgrading of approximately 20 km of existing roads.	Approximately 30 km of new roads, plus upgrading of approximately 20 km of existing roads.
Other associated infrastructure	<p>Cabling from the onsite substation to the collector substation area (underground); concrete turbine foundations and turbine hardstands; temporary laydown areas, which will accommodate storage and assembly areas; cabling between the turbines, to be laid underground where practical; a temporary concrete batching plant; staff accommodation; and operation and maintenance building, including a gate house, security building, control centre, offices, warehouses, a workshop, and visitor's centre.</p> <p>Each project will include all necessary electrical and auxiliary equipment required at the collector substation that serves that wind energy facility. This would include switchyard/bay, control building, fences etc.</p>	

Grid connection infrastructure

Details of the proposed grid connection infrastructure and alternatives are provided in the table below. Various connection options exist to ultimately connect each of the facilities to the Eskom Gamma Substation.

Corridor width (for assessment purposes)	Four alternative grid connection corridors have been identified for the assessment and placement of the grid connection infrastructure. The grid connection corridors comprise of a 1km wide power line corridor to allow for avoidance of environmental sensitivities, and suitable placement within the identified preferred corridor. Therefore, the entire corridor is being proposed for the development provided the infrastructure remains within the assessed corridor and environmental sensitivities are avoided.
Power line capacity	132kV (single- or double-circuit)
Tower height	Up to 32m
Power line servitude width	Up to 40m
Length of power lines	<p>Option 1: Collector Sub – Gamma ~ 37.95km</p> <p>Option 2: Collector Sub – Gamma ~ 37.85km</p> <p>Option 3: Collector Sub – Gamma ~ 37.6km</p> <p>Option 4: Collector Sub – Gamma ~ 37.5km</p>
Development footprint of the Collector Substation	1000mx700m
Capacity of the Collector Substation	132kV
Affected properties	<ul style="list-style-type: none"> Portion 0 of Farm Annex Rondavel 86 Portion 1 of Farm Annex Rondavel 86 Portion 1 of Farm Uit Vlucht Fontein 265 Portion 0 of Farm Wynandsfontein 91 Portion 1 of Farm Wynandsfontein 91 Portion 3 of Farm Vlekfontein 90 Portion 0 of Farm Burgersfontein 92 Portion 1 of Farm Nieuwe Fontein 89 Portion 0 of Farm Rondavel 85 Portion 1 of Farm Rondavel 85 Portion 0 of Farm Kleifontein 93 Portion 8 of Farm Jan Booyens Onder Plaats 94 Portion 1 of Farm Bult & Rietfontein 96 Remaining extent of Farm 3



The projects are intended to assist in addressing South Africa's energy challenge and to align with the Department of Mineral Resources and Energy (DMRE's) Integrated Resource Plan (IRP) 2019, to pursue a diversified energy mix that reduces reliance on a single or a few primary energy resources. It is the Developer's intention to bid each renewable energy facility under the Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each renewable energy facility will be sold to Eskom and fed into the national electricity grid through the proposed grid connection solution.



Aim of this background information document

This document aims to provide you, as an Interested and/or Affected Party (I&AP), with:

- » An overview of the renewable energy facilities which form part of the cluster, and their associated grid connection solutions.
- » An overview of the Scoping and Environmental Impact Assessment (EIA) processes, Basic Assessment (BA) processes, and specialist studies being undertaken to assess the renewable energy facilities and their associated grid connection solutions.
- » Details of how you can become involved in the S&EIA and BA processes, receive information, or raise comments that may concern and/or interest you.

Overview of solar pv technology

Solar energy facilities use energy from the sun to generate electricity through a process known as the **Photovoltaic Effect**. This effect refers to photons of light colliding with electrons, and therefore placing the electrons into a higher state of energy to create electricity. The solar fields of the PV facilities will comprise the following components:

Photovoltaic Cells:

A photovoltaic (PV) cell is made of silicone that acts as a semiconductor used to produce the photovoltaic effect. PV cells are arranged in multiples/arrays and placed behind a protective glass sheet to form a PV panel. Each PV cell is positively charged on one side and negatively charged on the opposite side, with electrical conductors attached to either side to form a circuit. This circuit captures the released electrons in the form of an electric current (i.e., Direct Current (DC)).

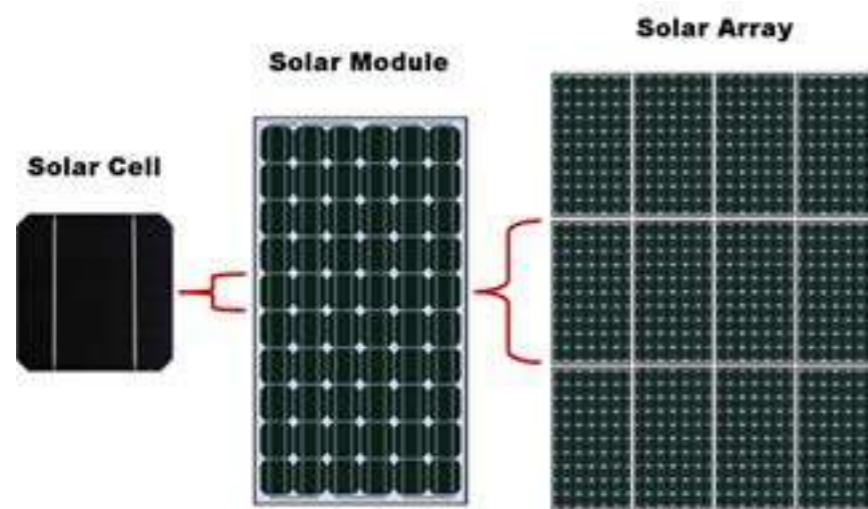


Figure 2: Overview of a PV cell, module and array/panel (Source: pveducation.com).

A solar PV module is made up of individual solar PV cells connected together, whereas a solar PV array is a system made up of a group of individual solar PV modules electrically wired together to form a much larger PV installation. The PV panels will be fixed to support structures to maximise exposure to the sun.

Inverters

Inverters are used to convert electricity produced by the PV cells from Direct Current (DC) into Alternating Current (AC) to enable the facility to be connected to the national electricity grid. Numerous inverters will be arranged in several arrays to collect and convert power produced by the facilities.

PV panels are designed to operate continuously for more than 20 years, mostly unattended and with low maintenance.

Support Structures

PV panels will be fixed to support structures. PV panels can either utilise fixed / static support structures, or alternatively they can utilise single or double axis tracking support structures. PV panels which utilise fixed / static support structures are set at an angle (fixed-tilt PV system) so as to optimise the amount of solar irradiation received. With fixed / static support structures the angle of the PV panel is dependent on the latitude of the proposed development and may be adjusted to optimise for summer and winter solar radiation characteristics. PV panels which utilise tracking support structures track the movement of the sun throughout the day so as to receive the maximum amount of solar irradiation.

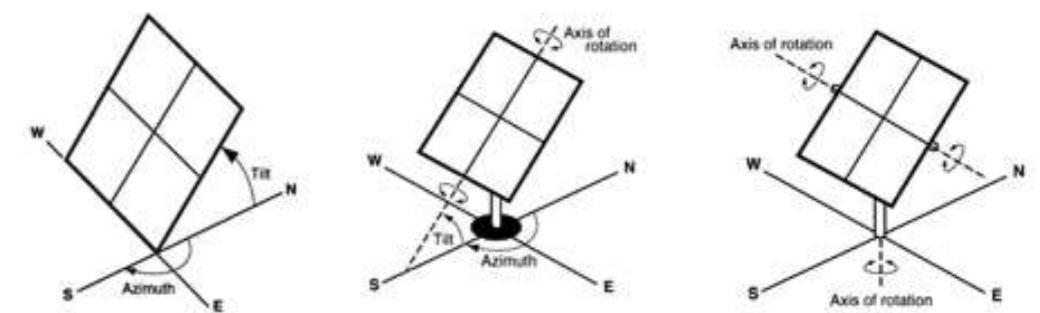


Figure 3: Overview of different PV tracking systems (from left to right: fixed-tilt, single-axis tracking, and double-axis tracking (Source: pveducation.com).

PV panels are designed to operate continuously for more than 20 years, mostly unattended and with low maintenance.



Battery energy storage system (bess)

The need for a BESS stems from the fact that electricity is only produced by the Renewable Energy Facility while the sun is shining, while the peak demand may not necessarily occur during the daytime. Therefore, the storage of electricity and supply thereof during peak-demand will mean that the facility is more efficient, reliable and electricity supply more constant.

The BESS will:

- » Store and integrate a greater amount of renewable energy from the Solar PV Facilities into the electricity grid.
- » This will assist with the objective to generate electricity by means of renewable energy to feed into the National Grid which will be procured under either the Renewable Energy Independent Power Producer Procurement Program (REIPPPP) other government run procurement programmes or for sale to private entities if required.
- » Proposed footprint of battery storage area: 2 – 10ha.
- » Proposed capacity of battery storage: 200 - 800MWh.
- » Proposed technology to be used: Lithium-ion batteries (LFP/NMC or others) (Li-Ion), Lithium capacitors/ Electrochemical capacitors (LiC), and/or Redox-flow batteries (RFB)
- » Battery types to be considered: Solid State Batteries and Redox Flow Batteries.

Overview of wind energy technology

Wind turbines use the energy from the wind to generate electricity. A wind turbine consists of four large main components:

- » The rotor.
- » The nacelle.
- » The tower.
- » The foundation unit.

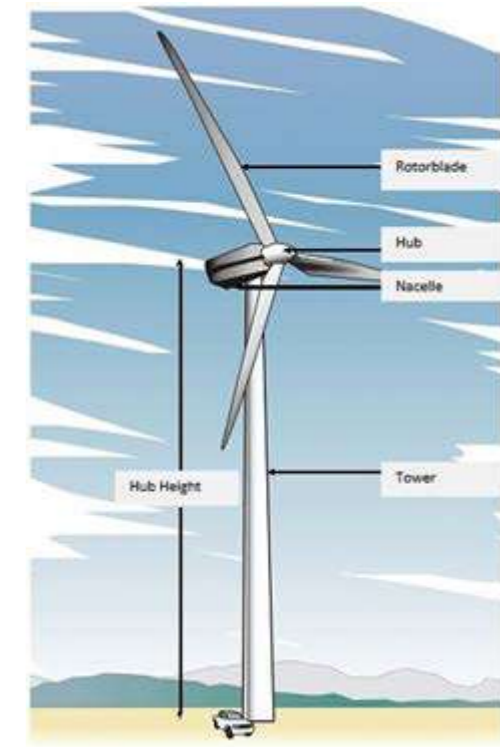


Figure 4: Main components of a wind turbine.

The mechanical power generated by the rotation of the blades is transmitted to the generator within the nacelle via a gearbox and drive train. The wind turns the blades, which in turn spin a shaft which connects to a generator and generates electricity. The use of wind for electricity generation is essentially a non-consumptive use of a natural resource and produces zero greenhouse gas emissions.

Turbines are able to operate at varying speeds. The amount of energy a turbine can harness depends on both the wind velocity and the length of the rotor blades. The turbines being considered for use at the two wind farms will be up to 6.5MW in capacity. The turbines will have a hub height of up to 170m, with a tip height of up to 250m.

Various wind turbine designs and layouts on the project sites are being considered by the developer in order to maximise the generating capacity of the sites while minimising environmental impacts. The final facility layouts, turbine capacities and models will be dependent on what is deemed suitable for the project sites in relation to, among other things, further studies of the wind regime, terrain, and environmental constraints and social sensitivities.

The length of the construction period for each of the wind farms is estimated to be approximately 15 – 18 months. A turbine is designed to operate continuously, with low maintenance for 20 to 25 years.



Environmental impact assessment process

In accordance with the EIA Regulations, 2014 (as amended) published in terms of Section 24(5) of the National Environmental Management Act (No. 107 of 1998) (NEMA), the applicant requires Environmental Authorisation (EA) from the National Department of Forestry, Fisheries and the Environment (DFFE), in consultation with the Department of Agriculture, Environmental Affairs, Land Reform and Rural Development, Northern Cape Province, for the development of the proposed projects. In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended) and Listing Notices (GNR 327, GNR 325, and GNR 324). The five (5) applications for EA for the renewable energy facilities are subject to the completion of Scoping/EIA processes. The one (1) application for EA for the grid connection solution is subject to the completion of a Basic Assessment (BA) process. Each application is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014 (as amended).

An EIA is an effective planning and decision-making tool. It allows for potential environmental consequences resulting from a proposed activity to be identified and appropriately managed during the construction, operation, and decommissioning phases of development. It also provides an opportunity for the project applicant to be forewarned of potential environmental issues and allows for the resolution of issue(s) identified and reported on as part of the EIA process, as well as provides opportunity for dialogue with key stakeholders and Interested and Affected Parties (I&APs).

Savannah Environmental has been appointed as the independent environmental consultant responsible for managing the separate applications for EA and undertaking the supporting EIA process required to identify and assess potential environmental impacts associated with the projects detailed above, as well as propose appropriate mitigation and management measures to be contained within the Environmental Management Programmes (EMPrs).

What are the potential environmental impacts associated with the proposed projects?

The development area and the grid connection corridors will be assessed by independent environmental specialists to identify the potential for environmental impacts. Specialist studies that are proposed as part of the EIA processes include the following:

- Biodiversity Impact Assessment – includes ecology, fauna and flora and assesses the potential impact and the associated disturbance of vegetation on the biodiversity of the area (including critical biodiversity areas and broad-scale processes).
- Wetland and freshwater Impact Assessment – includes an assessment of impacts and associated disturbance to drainage lines, rivers, and wetlands at a broad and fine scale.
- Avifauna Impact Assessment – includes pre-construction monitoring in terms of the relevant guidelines and assesses the impact on avifaunal habitats and sensitive species.
- Bat Impact Assessment – includes pre-construction monitoring in terms of the relevant guidelines and assesses the impact on bat habitats and sensitive species.
- Soils and Agricultural Potential Assessment – includes land types and assesses the significance of loss of agricultural land and soil degradation and/or erosion.
- Heritage Impact Assessment (Archaeology and Palaeontology) – which includes archaeology and palaeontology and assesses the potential of disturbance to or destruction of heritage sites and fossils during the construction phase through excavation activities.



- Visual Impact Assessment – which includes the visual quality of the area and assesses the impact of the solar PV facilities and the grid connection solution on the aesthetics within the area.
- Noise Impact Assessment – includes identification of sensitive noise receptors within the area and assess the significance during construction and operation of the wind farms.
- Social Impact Assessment – which assesses the positive and negative social impacts.
- Traffic Impact Assessment – assesses the impact of the developments on traffic and road networks in the area.

Site-specific studies will be undertaken to assess the potential impact of the proposed development, in order to delineate areas of sensitivity within the affected farm portions, assess impacts associated with the projects and make recommendations regarding avoidance, management and mitigation of impacts. Studies will be informed by available information and detailed field investigations undertaken in accordance with the relevant guidelines and protocols. Once the constraining environmental factors have been determined, the layouts for the proposed facilities can be determined and presented in the EIA reporting.

Public participation process

The sharing of information forms the basis of the public participation process and offers I&APs the opportunity to become actively involved in the EIA processes. Comments and inputs from I&APs are encouraged in order to ensure that potential impacts are considered throughout the EIA processes. The public participation process aims to ensure that:

- Information containing all relevant facts in respect of the applications are made available to I&APs for review.
- I&AP participation is facilitated in such a manner that they are provided with reasonable opportunity to comment on the proposed projects.
- Adequate review periods are provided for I&APs to comment on the findings of the Scoping, EIA and Basic Assessment Reports.

In order to ensure effective participation, the public participation processes include the following:

- Identifying I&APs, including affected and adjacent landowners and occupiers of land, and relevant Organs of State, and recording details within a database.
- Notifying registered I&APs of the commencement of the EIA processes and distributing the Background Information Document (BID).
- Providing access to registered parties to an online stakeholder engagement platform, which centralises project information and stakeholder input in a single digital platform.
- Providing an opportunity for I&APs to engage with the project team.
- Placing site notices at the affected properties and in the study area.
- Placing an advertisement in a local newspaper and using a local radio station (where available).
- Notifying I&APs of the release of the Reports for review and comment, meetings to be held and the closing dates by which comments must be received.
- Providing an opportunity to engage with the project team via appropriate virtual platform (to reduce the risks associated with COVID-19) or telephone.

Your responsibilities as an i&ap

In terms of the EIA Regulations, 2014 (as amended) and the Public Participation Guidelines, 2014, your attention is drawn to your responsibilities as an I&AP:

- To participate in the EIA processes, you must register yourself on the I&AP database.
- You are required to disclose any direct business, financial, personal, or other interest that you may have in the approval or refusal of the applications.
- You must ensure that any comments regarding the proposed projects are submitted within the stipulated time-frames.

How to become involved

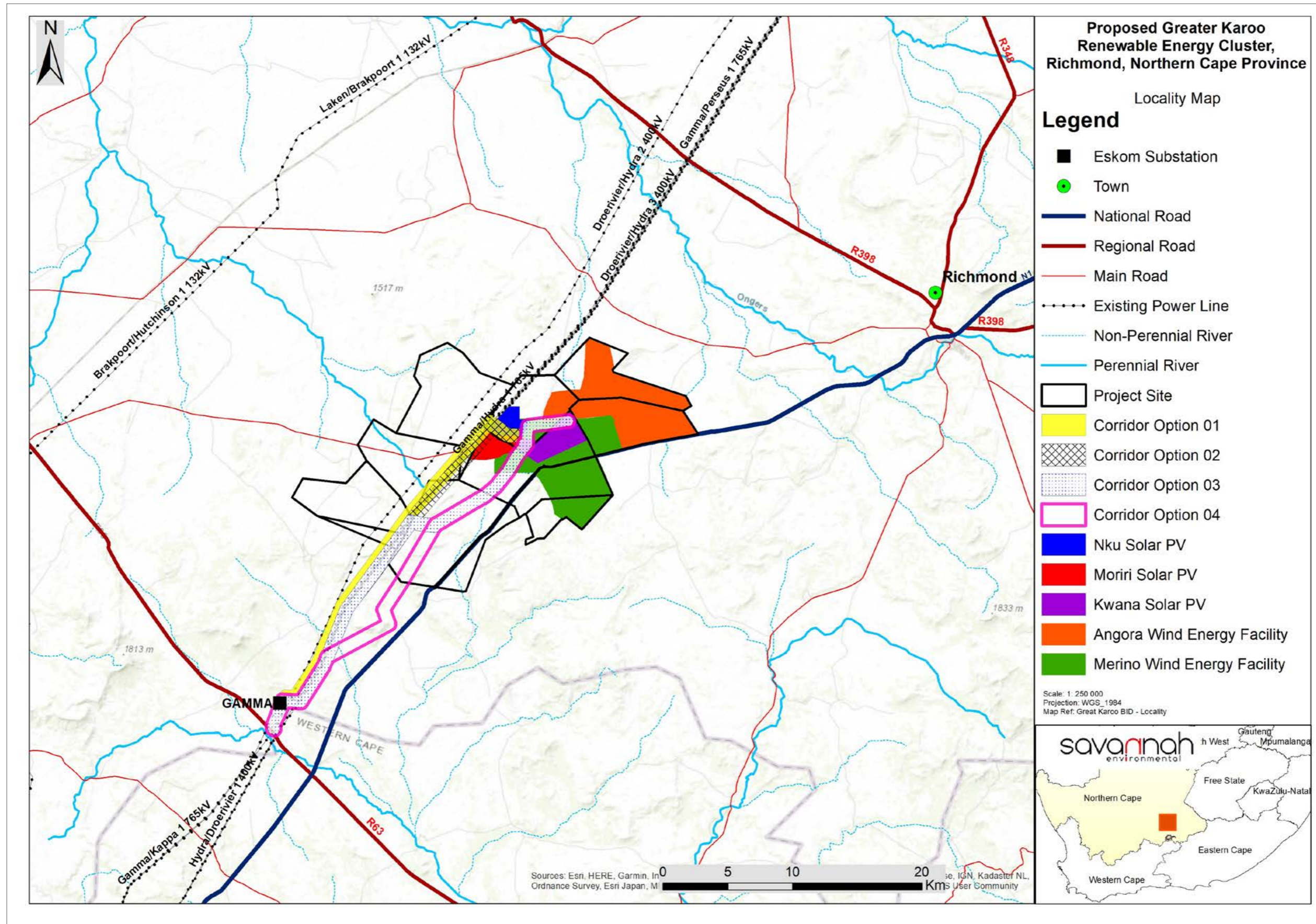
- By responding by phone, fax, or e-mail to the invitation for your involvement.
- By returning the reply form to the relevant contact person.
- By engaging with the project team during the EIA processes.
- By contacting the environmental consultant with queries or comments.
- By reviewing and commenting on the Reports within the stipulated review and comment periods.

If you consider yourself an I&AP for the proposed projects, we urge you to make use of the opportunities created by the public participation process to provide comment, raise issues and concerns which affect and / or interest you, or request further information. Your input forms a key element of the EIA processes.

By completing and submitting the accompanying reply form, you automatically register yourself as an I&AP for the proposed projects, and are ensured that your comments, concerns, or queries raised regarding the projects will be noted. Please note that all comments received will be included in the project documentation. This may include personal information.



Figure 1: Locality map of the Great Karoo Renewable Energy Cluster.





COMMENTS AND QUERIES

Direct all comments, queries or responses to:

Savannah Environmental
Nicolene Venter
P.O. Box 148, Sunninghill, 2157
Mobile: 060 978 8396
Tel: 011 656 3237
Fax: 086 684 0547
Email: publicprocess@savannahsa.com

To view project documentation, visit
www.savannahSA.com



SEPTEMBER
2021



OMGEWINGSIMPAAKEVALUERING EN OPENBARE DEELNAMEPROSES

**BEOOGDE ONTWIKKELING VAN DIE GROOT KAROO-GROEP HERNUBARE KRAGAAANLEGTE
EN VERWANTE ELEKTRIESE KRAGNETINFRASTRUKTUUR NABY RICHMOND,**

NOORD-KAAPPROVINSIE

Great Karoo Renewable Energy (Edms.) Bpk. beoog die ontwikkeling van 'n groep hernubare kragaanlegte en verwante infrastruktuur, met insluiting van Elektriese Kragetinfrastruktuur (EKI), ~ 35 km suidwes van die dorp Richmond langs die N1 en 80 km suidoos van Victoria-Wes met die R63 langs in die Noord-Kaapprovinsie (Figuur 1). Die groep bestaan uit drie (3) fotovoltaïese (FV) sonkragaanlegte van 100 MW en twee (2) windplase van 140 MW. Die roosterkonneksie-infrastruktuur vir al die projekte sal een sentrale kollektorsubstasie van 132 kV en 'n dubbelkring kraglyn van 132 kV tot by Eskom se bestaande Gamma-substasie insluit.

Elke hernubare kragaanleg sal as 'n aparte losstaande projek opgerig word, gevolglik sal aparte Bestekopname- en Omgewingsimpakevalueringprosesse (B&OIE-prosesse) vir elk van die hernubare kragaanlegte onderneem word. Eweneens sal die roosterkonneksie-oplossing onderwerp word aan 'n aparte Basiese Evalueringproses (BE-proses), wat oorweging aan bedryfbare alternatiewe vir die kraglynkorridors sal skenk.

Altesaam ses (6) aansoeke om Omgewingsmagtiging (OM) word tans nagestreef, naamlik:

- twee (2) windplaas OM's;
- drie (3) FV-sonkragaanleg OM's; en
- een (1) sentrale kollektorsubstasie van 132 kV en 'n dubbelkring kraglyn van 132 kV OM.

Weens die nabyheid van die hernubare kragaanlegte en hul verwante roosterkonneksie-oplossing aan mekaar, sal die openbare deelnameprosesse vir die projekte gelyklopend onderneem word, wat die publiek 'n geleentheid sal bied om al die projekte te verstaan en daarop kommentaar te kan lewer.

Die Groot Karoo-groep hernubare kragaanlegte, met insluiting van die projekname, infrastruktuur-besonderhede, eiendomme wat deur die beoogde aanlegte geraak word, EKI en verwante infrastruktuur word in die tabel hieronder aangedui:

Fv-sonkragaanlegte:

Projeknaam	Nku FV-sonkragaanleg	Moriri FV-sonkragaanleg	Kwana FV-sonkragaanleg
Geaffekteerde eiendom (d.i. projekterrein)	Gedeelte 0 en 1 van die plaas Rondavel 85	Gedeelte 0 en 1 van die plaas Rondavel 85	Gedeelte 0 en 1 van die plaas Rondavel 85
Gekontrakteerde vermoë	100 MW	100 MW	100 MW
Tegnologie	Fotovoltaïese sonkrag	Fotovoltaïese sonkrag	Fotovoltaïese sonkrag
Batterykrag-bergingstelsel	Voetspoor: 2–10 ha, wat in die voetspoor van die interne substasie geleë moet wees Vermoë: 200–800 MWh	Voetspoor: 2–10 ha, wat in die voetspoor van die interne substasie geleë moet wees Vermoë: 200–800 MWh	Voetspoor: 2–10 ha, wat in die voetspoor van die interne substasie geleë moet wees Vermoë: 200–800 MWh
Toegangspaaie (hoof- en interne paaie)	Gruishooftoegangspad: Sal deel van die windplaas se interne padnetwerk wees. Geen bykomende toegangspad word benodig nie. As die windplaas later opgerig word, sal die toegangspad 5 km lank wees, waarvan 3,3 km 'n bestaande gruispad is wat opgegradeer moet word. Interne paaie: 4,5 m breed met verbredings om die draaie.	Gruishooftoegangspad: Sowat 200 m se nuwe pad sal gebou word. Afgesien daarvan, sal die toegangspad deel van die windplaas se interne padnetwerk wees. As die windplaas later opgerig word, sal die toegangspad 5 km lank wees, waarvan 3,3 km 'n bestaande gruispad is wat opgegradeer moet word. Interne paaie: 4,5 m breed met verbredings om die draaie.	Gruishooftoegangspad: Sal deel van die windplaas se interne padnetwerk wees. Geen bykomende toegangspad word benodig nie. As die windplaas later opgerig word, sal die toegangspad 5 km lank wees, waarvan 3,3 km 'n bestaande gruispad is wat opgegradeer moet word. Interne paaie: 4,5 m breed met verbredings om die draaie.
Ander verwante infrastruktuur	Kabels vanaf die interne substasie tot by die kollektorsubstasiegebied (hetsy ondergronds of oorhoofs); sentrale wisselrigterstasies of stringwisselrigters; kabels tussen panele, wat ondergronds gelê moet word waar dit prakties moontlik is; 'n tydelike stapelwefgebied; personeelverblyf; en bedryfs- en instandhoudingsgeboue met insluiting van 'n hekhuis, sekerheidsgebou, beheersentrum, kantore, store, 'n werkwinkel en besoekersentrum. Elke projek sal al die nodige elektriese en hulptoerusting insluit wat by die kollektorsubstasie benodig word wat daardie sonkragaanleg bedien. Dit sal 'n transformator, skakelwerf/-vak, beheergebou, heinings, ens. insluit.		



Roosterkonneksie-infrastruktuur

Besonderhede van die beoogde roosterkonneksie-infrastruktuur en alternatiewe word in die onderstaande tabel voorsien. Verskeie konneksie-opsies bestaan om elk van die aanlegte uiteindelik met Eskom se Gamma-substasie te verbind.

Windkragaanlegte:

Projeknaam	Angora Windkragaanleg	Merino Windkragaanleg
Geaffekteerde eiendom (d.i. projekterrein)	<ul style="list-style-type: none"> Gedeelte 11 van die plaas Gegun-defontein 53 Gedeelte 0 van die plaas Vogelstruisfontein 84 Gedeelte 1 van die plaas Rondavel 85 Gedeelte 0 van die plaas Rondavel 85 	<ul style="list-style-type: none"> Gedeelte 1 van die plaas Rondavel 85 Gedeelte 0 van die plaas Rondavel 85 Gedeelte 9 van die plaas Bult & Rietfontein 96
Gekontrakteerde vermoë	140 MW	140 MW
Aantal turbines	23–45 eenhede	23–45 eenhede
Turbine se naafhoogte	110 – 170 m	110 – 170 m
Turbine se spitshoogte	170 – 250 m	170 – 250 m
Rotordeursnee	125-180 m	125-180 m
Grootte en vermoë van interne substasie	33/132 kV interne substasie van 1 000 m x 700 m	33/132 kV interne substasie van 1 000 m x 700 m
Batterykrag-bergingstelsel	Voetspoor: 2–10 ha, wat in die voetspoor van die interne substasie geleë moet wees Vermoë: 200–800 MWh	Voetspoor: 2–10 ha, wat in die voetspoor van die interne substasie geleë moet wees Vermoë: 200–800 MWh
Toegangspaaie (hoof- en interne toegangspaaie)	Ongeveer 30 km se nuwe paaie plus die opgradering van ongeveer 20 km se bestaande paaie.	Ongeveer 30 km se nuwe paaie plus die opgradering van ongeveer 20 km se bestaande paaie.
Ander verwante infrastruktuur	<p>Kabels vanaf die interne substasie tot by die kollektorsubstasiegebied (ondergronds); beton turbinefondasies en -vasteblokke; tydelike stapelwerfgebiede wat bergings- en monteergebiede sal akkommodeer; kabels tussen die turbines, wat ondergronds gelê moet word waar dit prakties moontlik is; 'n tydelike betonlotaanleg; personeelverblyf; en bedryfs- en instandhoudingsgeboue met insluiting van 'n hekhuys, sekerheidsgebou, beheersentrum, kantore, store, 'n werkwinkel en besoekersentrum.</p> <p>Elke projek sal al die nodige elektriese en hulptoerusting insluit wat by die kollektorsubstasie benodig word wat daardie windkragaanleg bedien. Dit sal 'n skakelwerf/-vak, beheergebou, heinings, ens. insluit.</p>	

Korridorbreedte (vir evalueringsdoeleindes)	Vier alternatiewe roosterkonneksiekorridors is vir die evaluering en plasing van die roosterkonneksie-infrastruktuur geïdentifiseer. Die roosterkonneksiekorridors behels 'n 1 km-breedte kraglynkorridor om dit moontlik te maak om omgewingsensitiwiteit te vermy en om geskikte plasing in die geïdentifiseerde korridor van voorkeur moontlik te maak. Gevolglik word die hele korridor vir die ontwikkeling beoog, met dien verstande dat die infrastruktuur in die geëvalueerde korridor bly en omgewingsensitiwiteit vermy word.
Kraglynvermoë	132 kV (enkel- of dubbelkring)
Mashoogte	Hoogstens 32 m
Breedte van die kraglynserwituut	Hoogstens 40 m
Lengte van kraglyne	<p>Opsie 1: Kollektorsubstasie – Gamma ~ 37,95 km</p> <p>Opsie 2: Kollektorsubstasie – Gamma ~ 37,85 km</p> <p>Opsie 3: Kollektorsubstasie – Gamma ~ 37,6 km</p> <p>Opsie 4: Kollektorsubstasie – Gamma ~ 37,5 km</p>
Ontwikkelingsvoetspoor van die kollektorsubstasie	1000mx700m
Capacity of the Collector Substation	132kV
Affected properties	<ul style="list-style-type: none"> Gedeelte 0 van die plaas Annex Rondavel 86 Gedeelte 1 van die plaas Annex Rondavel 86 Gedeelte 1 van die plaas Uit Vlucht Fontein 265 Gedeelte 0 van die plaas Wynandsfontein 91 Gedeelte 1 van die plaas Wynandsfontein 91 Gedeelte 3 van die plaas Vlekfontein 90 Gedeelte 0 van die plaas Burgersfontein 92 Gedeelte 1 van die plaas Nieuwe Fontein 89 Gedeelte 0 van die plaas Rondavel 85 Gedeelte 1 van die plaas Rondavel 85 Gedeelte 0 van die plaas Kleinfontein 93 Gedeelte 8 van die plaas Jan Booyens Onder Plaats 94 Gedeelte 1 van die plaas Bult & Rietfontein 96 Restant van Plaas 3



Die projekte is om te help om Suid-Afrika se kraguitdaging aan te spreek en om in lyn te wees met die Departement van Minerale Hulpbronne en Energie (DMHE) se Geïntegreerde Hulpbronplan (GHP) 2019, om 'n uiteenlopende kragmengsel na te streef wat afhanklikheid van 'n enkele of 'n paar primêre kragbronne verminder. Die ontwikkelaar is van voorneme om elke hernubare kragaanleg aan te bied ingevolge die Verkrygingsprogram vir Onafhanklike Hernubare Kragprodusente (REIPPP). Die krag wat by elke hernubare kragaanleg opgewek sal word, sal aan Eskom verkoop en deur die beoogde roosterkonneksie-oplossing by die nasionale kragnet ingevoer word.



Doel van hierdie agtergrondinligtingsdokument

Hierdie dokument stel dit ten doel om u, as 'n belangstellende en/of geaffekteerde party (B&GP), te voorsien van:

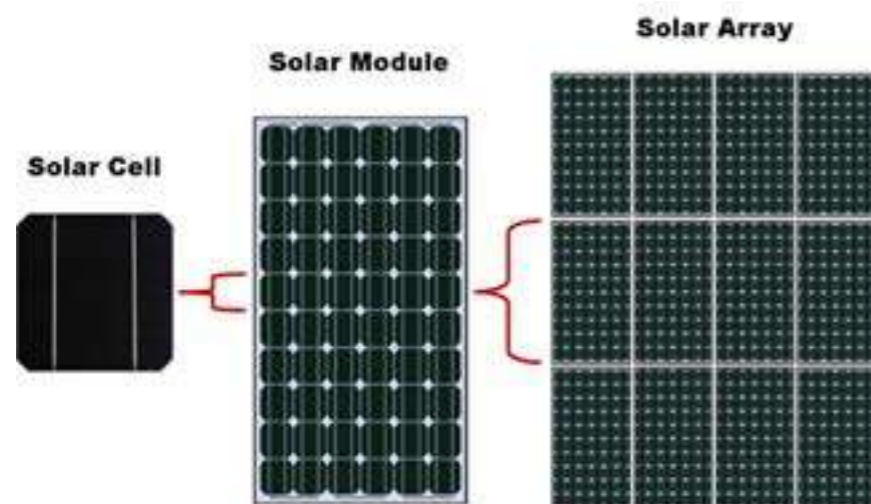
- 'n oorsig van die hernubare kragaanlegte wat deel van die groep en hul verwante roosterkonneksie-oplossings vorm.
- 'n oorsig van die Bestekopname- en Omgewingsimpakevalueringprosesse (OIE-prosesse), Basiese Evalueringprosesse (BE) en spesialisstudies wat onderneem word om die hernubare kragaanlegte en hul verwante roosterkonneksie-oplossings te evalueer;
- besonderhede van hoe u by die B&OIE- en BE-prosesse betrokke kan raak, inligting kan ontvang of kommentaar kan opper wat u dalk kan raak en/of vir u van belang kan wees.

Oorsig van fv-sonkragtegnologie

Sonkragaanlegte gebruik die son se energie om elektrisiteit op te wek deur 'n proses wat as die Fotovoltaïese Effek bekendstaan. Hierdie effek verwys na ligfotone wat met elektrone bots, wat die elektrone gevolglik in 'n hoër staat van energie plaas om elektrisiteit voort te bring. Die FV-aanlegte se sonkragvelde sal uit die volgende komponente bestaan:

Fotovoltaïese Selle:

'n Fotovoltaïese (FV) sel word van silikon gemaak wat as halfgeleier optree en gebruik word om die fotovoltaïese effek voort te bring. FV-selle word in veelvoude/reeks gerangskik en agter 'n beskermende glaspaneel geplaas om 'n FV-paneel te vorm. Elke FV-sel se een kant is positief en die teenoorgestelde kant negatief gelaai, met elektriese geleiers wat aan beide kante gekoppel word om 'n stroombaan te vorm. Hierdie stroombaan vang die vrygestelde elektrone vas in die vorm van 'n elektriese stroom (d.i. gelykstroom (GS)).



Figuur 2: Oorsig van 'n FV-sel, module en reeks/paneel (Bron: pveducation.com)

'n FV-sonpaneelmodule bestaan uit individuele FV-selle wat met mekaar verbind is, terwyl 'n FV-sonkragreeks 'n stelsel is wat bestaan uit 'n groep individuele FV-sonkragmodules wat elektries bedraad is om 'n veel groter FV-installasie te vorm. Die FV-paneel sal op steunstrukture aangebring word om blootstelling aan die son te maksimaliseer.

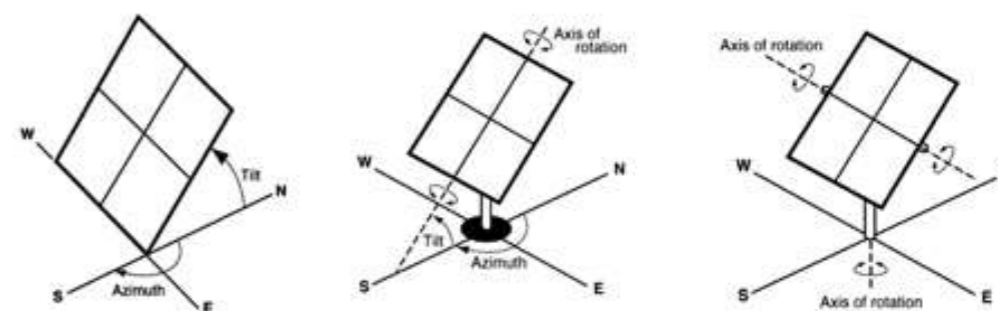
Wisselrigters

Wisselrigters word gebruik om elektrisiteit wat deur die FV-selle opgewek word van gelykstroom (GS) na wisselstroom (WS) om te sit sodat die aanleg met die nasionale kragnet verbind kan word. Verskeie wisselrigters sal in etlike reekse gerangskik word om krag wat deur die aanlegte opgewek word, te versamel en om te sit.

FV-paneel is ontwerp om vir meer as 20 jaar ononderbroke, meestal onbeman en met min instandhouding in bedryf te staan.

Steunstrukture

FV-paneel sal op steunstrukture aangebring word. FV-paneel kan hetsy vaste/stilstaande steunstrukture gebruik, of andersins kan dit enkel- of dubbelas naspoorsteunstrukture gebruik. FV-paneel wat vaste/stilstaande steunstrukture gebruik, word teen 'n hoek gestel (vaste-kanteling FV-stelsel) ten einde die hoeveelheid sonbestraling wat ontvang word, ten volle te benut. Met vaste/stilstaande steunstrukture, hang die hoek van die FV-paneel af van die breedteligging van die beoogde ontwikkeling en kan verstel word om die kenmerke van somer- en wintersonbestraling ten volle te benut. FV-paneel wat naspoorsteunstrukture gebruik, volg die son se beweging deur die dag ten einde die maksimum hoeveelheid sonbestraling te ontvang.



Figuur 3: Oorsig van verskillende FV-naspoorstelsels (van links na regs: vastekanteling, enkelas-nasporing en dubkelas-nasporing (Bron: pveducation.com))

FV-paneel is ontwerp om vir meer as 20 jaar ononderbroke, meestal onbeman en met min instandhouding in bedryf te staan.



Batterykragbergingstelsel (BESS)

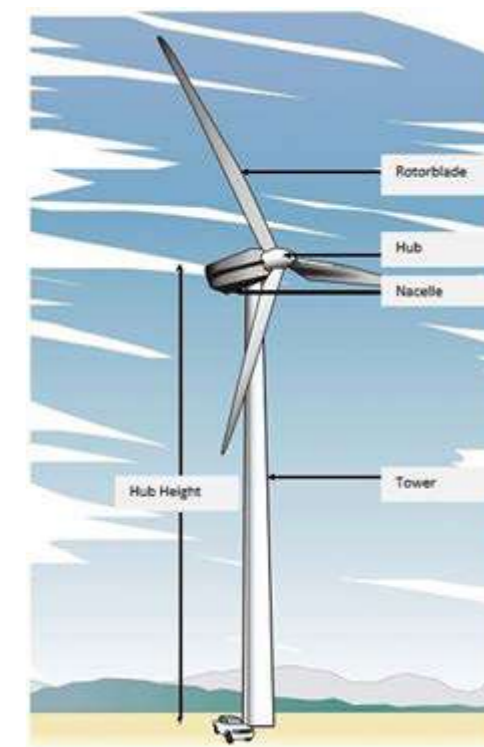
Die behoefte vir 'n BESS spruit voort uit die feit dat elektrisiteit slegs deur die Hernubare Kragaanleg opgewek word terwyl die son skyn, terwyl die piekvraag nie noodwendig gedurende die dag plaasvind nie. Gevolglik sal die berging van elektrisiteit en die voorsiening daarvan tydens piekvraag beteken dat die aanleg meer doeltreffend en meer betroubaar sal wees en dat die elektrisiteitsvoorsiening meer bestendig sal wees.

- Die BESS sal meer hernubare krag van die FV-sonkragaanlegte stoor en by die kragnet integreer.
- Dit sal help met die doelwit om elektrisiteit by wyse van hernubare kragtegnologie op te wek, om by die nasionale kragnet in te voer, wat bekom sal word ingevolge hetsy die Verkrygingsprogram vir Hernubare Krag van Onafhanklike Kragprodusente (REIPPPP), ander staatsbeheerde verkrygingsprogramme of vir verkoop aan privaat entiteite, indien nodig.
- Beoogde voetspoor van batterybergingsgebied: 2 – 10 ha.
- Beoogde vermoë van batteryberging: 200 – 800 MWh.
- Beoogde tegnologie wat gebruik gaan word: Litium-ioon batterye (LFP/NMC of ander) (Li-Ion), Litium kapasitors/Elektrochemiese kapasitors (LiC), en/of Redoksvloeibatterye (RFB).
- Soorte batterye wat oorweeg sal word: Vastestaat- en Redoksvloeibatterye.

Oorsig van windkragtegnologie

Windturbines span windkrag in om elektrisiteit op te wek. 'n Windturbine bestaan uit vier groot hoofonderdele, naamlik die:

- rotor;
- nacelle (turbinehuis);
- toring; en
- fondasie-eenheid.



Figuur 4: Hoofonderdele van 'n windturbine

Die meganiese krag wat deur die rotasie van die skroewe opgewek word, word via 'n ratkas en dryfwerk aan die generator binne-in die nacelle (turbinehuis) oorgedra. Die wind draai die skroewe wat op hul beurt 'n as draai wat aan 'n generator gekoppel is wat elektrisiteit opwek. Die benutting van wind vir die opwekking van elektrisiteit is in wese 'n nie-verbruikende benutting van 'n natuurlike hulpbron en stel geen kweekhuiskasse vry nie.

Turbines kan teen verskillende snelhede funksioneer. Die hoeveelheid energie wat 'n turbine kan inspan, hang af van beide die windsnelheid en die lengte van die rotorskroewe. Die turbines wat vir gebruik by die twee windplase oorweeg word, sal hoogstens 6,5 MW in vermoë wees. Die turbines sal oor 'n naafhoogte van hoogstens 170 m beskik, met 'n spitshoogte van hoogstens 250 m.

Die ontwikkelaar oorweeg verskeie windturbine-ontwerpe en -uitlegte op die projekterreine om die opwekkingsvermoë van die terreine te maksimaliseer terwyl die omgewingsimpakte geminimaliseer word. Die finale uitleg van die aanlegte, turbinevermoëns en -modelle sal afhang van wat as geskik vir die projekterreine in verhouding tot, onder andere, verdere studies van die windregime, terrein en omgewingsbeperkings en goed wat maatskaplik sensitief is, geag word.

Die tydsduur van die konstruksie tydperk vir elk van die windplase word op sowat 15–18 maande geraam. 'n Turbine is ontwerp om ononderbroke en met min instandhouding vir 20 tot 25 jaar in bedryf te staan.



Omgewingsimpakevalueringsproses

Ooreenkomstig die OIE-regulasies, 2014 (soos gewysig), wat kragtens Artikel 24(5) van die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) (NEMA) gepubliseer is, benodig die applikant Omgewingsmagtiging (OM) van die Nasionale Departement van Bosbou, Visserye en die Omgewing (DFFE), in oorleg met die Noord-Kaapse Departement van Landbou, Omgewingsake, Grondhervorming en Landelike Ontwikkeling vir die ontwikkeling van die beoogde projekte. Ingevolge Artikel 24(5) van NEMA, die OIE-regulasies 2014 (soos gewysig) en Lyskennisgewings (Staatskennisgewing R327, R325 en R324), is die vyf (5) aansoeke om OM vir die hernubare kragaanlegte onderhewig aan die voltooiing van Bestekopname-/OIE-prosesse. Die een (1) aansoek om OM vir die roosterkonneksie-oplossing is onderhewig aan die afhandeling van 'n Basiese Evalueeringsproses (BE-proses). Elke aansoek moet gerugsteun word deur omvattende, onafhanklike omgewingstudies wat ingevolge die OIE-regulasies, 2014 (soos gewysig) onderneem word.

'n OIE is 'n doeltreffende beplannings- en besluitnemingswerktuig. Dit bring mee dat potensiële omgewingsverwante gevolge wat voortspruit uit 'n beoogde aktiwiteit, geïdentifiseer en na behore tydens die oprigtings-, bedryfs- en uitbedryfstellingsfase van ontwikkeling bestuur word. Dit bied ook 'n geleentheid vir die projekaansoeker om vooraf gewaarsku te wees van potensiële omgewingskwessies en maak voorsiening vir die oplossing van kwessies wat geïdentifiseer en as deel van die OIE-proses oor verslag gedoen is, en bied ook die geleentheid vir dialoog tussen sleutelbelanghebbers en belangstellende en geaffekteerde partye (B&GP's).

Savannah Environmental is aangestel as die onafhanklike omgewingskonsultant wat verantwoordelik is vir die bestuur van die aparte aansoeke om OM en om die stawende OIE-proses te onderneem wat vereis word om alle potensiële omgewingsimpakte wat verband hou met die projekte wat hierbo uiteengesit is, te identifiseer en te evalueer, en om gepaste versagtings- en bestuursmaatreëls aan die hand te doen wat in die Omgewingsbestuursprogramme (OBPr'e) vervat moet word.

Wat is die potensiële omgewingsimpakte wat verband hou met die beoogde projekte?

Die ontwikkelingsgebied en die roosterkonneksiekorridors sal deur onafhanklike omgewingspesialiste geëvalueer word om die potensiaal vir omgewingsimpakte te identifiseer. Spesialisstudies wat as deel van die OIE-prosesse beoog word, sluit die onderstaande in.

- Biodiversiteitsimpakevaluering – sluit ekologie, fauna en flora in en evalueer die potensiële impak en verwante versteuring van plantegroei op die biodiversiteit van die gebied (insluitende kritiese biodiversiteitsgebiede en breëskaalprosesse).
- Vleiland en varswaterkenmerke – sluit 'n evaluering van impakte en die verwante versteuring van dreineringslyne, riviere en vleilande op 'n breë- en fynskaal in.
- Avifauna-evaluering – sluit in monitering vóór oprigting ingevolge die tersaaklike riglyne en die impak op avifauna se gewoontes en sensitiewe spesies evalueer.
- Vlermuisevaluering – sluit in monitering voor oprigting ingevolge die tersaaklike riglyne en die impak op vlermuise se gewoontes en sensitiewe spesies evalueer.
- Grond en landboupotensiaal-evaluering – sluit grondsoorte in en evalueer die wesenlikheid van verlies aan landbougrond en gronddegradasie en/of erosie.
- Erfenisimpakevaluering (argeologie en paleontologie) – sluit argeologie en paleontologie in en evalueer die potensiële versteuring of vernietiging van erfenisterreine en fossiele tydens die konstruksiefase weens opgrawingsbedrywighede.



- Visuele impakevaluering – sluit die visuele gehalte van die gebied in en evalueer die impak van FV-sonkragaanlegte en die roosterkonneksie-oplossing op die estetika in die gebied.
- Geraasimpakevaluering – sluit in die identifisering van sensitiewe geraasreseptors in die gebied en evalueer die wesenlikheid van die versteuring tydens oprigting en bedryf van die windplase.
- Maatskaplike impakevaluering – wat die positiewe en negatiewe maatskaplike impakte evalueer.
- Verkeersimpakevaluering – evalueer die impak van die ontwikkelings op verkeer en padnetwerke in die gebied.

Terreïnspesifieke studies sal onderneem word om die potensiële impak van die beoogde ontwikkeling te evalueer, om sensitiwiteitsgebiede in die geaffekteerde plaasgedeeltes af te baken, om die impakte wat met die projekte verband hou, te evalueer en om aanbevelings te maak betreffende vermyding, bestuur en versagting van impakte. Studies sal deur beskikbare inligting en gedetailleerde veldondersoeke toegelig word wat ooreenkomstig die tersaaklike riglyne en protokolle onderneem word. Sodra die beperkende omgewingsfaktore bepaal is, kan die uitleg vir die beoogde aanlegte bepaal en in die OIE-verslagdoening voorgehou word.

Openbare deelnameproses

Die deel van inligting vorm die grondslag van die openbare deelnameproses en bied B&GP's die geleentheid om aktief by die OIE-prosesse betrokke te raak. Kommentaar en insette van B&GP's word aangemoedig ten einde te verseker dat oorweging aan potensiële impakte regdeur die OIE-prosesse geskenk word.

Die openbare deelnameproses poog om te verseker dat:

- inligting wat al die tersaaklike feite met betrekking tot die aansoeke bevat, aan B&GP's beskikbaar gestel word vir insae;
- deelname deur B&GP's op so 'n wyse gefasiliteer word dat hulle 'n redelike geleentheid gegun word om kommentaar op die beoogde projekte te lewer; en
- voldoende insaetydperke aan B&GP's gebied word om kommentaar te lewer oor die bevindinge van die Bestekopname-, OIE- en Basiese Evalueeringsverslag.

Ten einde doeltreffende deelname te verseker, sluit die openbare deelnameprosesse in:

- die identifisering van B&GP's, met insluiting van geaffekteerde en naburige grondeienaars en -bewoners en tersaaklike staatsinstansies en die boekstaving van besonderhede in 'n databasis;
- die verwittiging van geregistreerde B&GP's van die aanvang van die OIE-prosesse en die verspreiding van die Agtergrondinligtingsdokument (AID);
- die voorsiening van toegang aan geregistreerde partye tot 'n aanlyn skakelingsplatform vir belanghebbers, wat projekinligting en insette van belanghebbers in 'n enkele digitale platform bymekaarbring;
- om B&GP's 'n geleentheid te bied om met die projekspan te skakel;
- die plasing van terreinkennisgewings by die geaffekteerde eiendom en in die studiegebied;
- die plasing van 'n advertensie in 'n plaaslike koerant en die gebruik van 'n plaaslike radiostasie (waar dit beskikbaar is);
- die verwittiging van B&GP's van die vrystelling van die verslae vir insae en kommentaar, vergaderings wat gehou moet word en van die sluitingsdatums waarteen kommentaar ontvang moet word;
- om 'n geleentheid te bied om via 'n geskikte virtuele platform (om die risiko's te verminder wat met COVID-19 gepaard gaan) of telefonies met die projekspan te skakel.

U verantwoordelikhede as 'n b&gp

Kragtens die OIE-regulasies, 2014 (soos gewysig) en die Openbare Deelnameriglyne, 2014, word u aandag gevestig op u verantwoordelikhede as 'n B&GP, naamlik om:

- uself op die B&GP se databasis te registreer om aan die OIE-prosesse deel te neem;
- enige regstreekse sake-, finansiële-, persoonlike- of ander belang wat u dalk in die goedkeuring of weiering van die aansoeke kan hê, bekend te maak;
- toe te sien dat u enige kommentaar met betrekking tot die beoogde projekte binne die gestipuleerde tydsraamwerke ingedien word.

Hoe om betrokke te raak

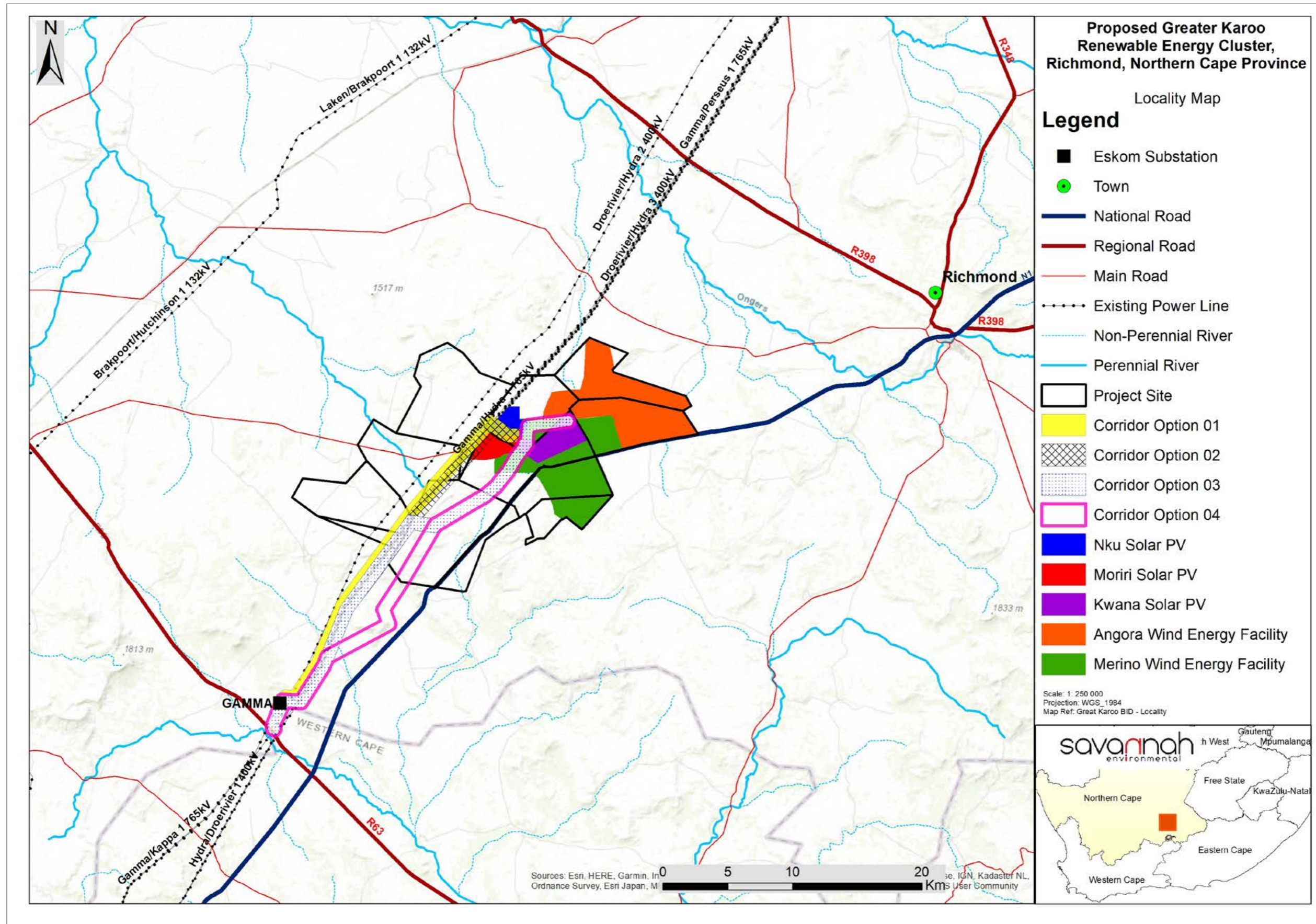
- Deur telefonies, per faks of per e-pos te reageer op die uitnodiging vir u betrokkeheid.
- Deur die antwoordvorm aan die tersaaklike kontakpersoon terug te besorg.
- Deur tydens die OIE-prosesse met die projekspan te skakel.
- Deur die omgewingskonsultant met navrae of kommentaar te kontak.
- Deur oorsig oor en kommentaar op die verslae te bied, en wel binne die gestipuleerde insae- en kommentaartydperke.

As u uself as 'n B&GP vir die beoogde projekte ag, moedig ons u aan om gebruik te maak van die geleentheid wat geskep word deur die openbare deelnameproses om kommentaar te lewer of daardie kwessies en knelpunte te opper wat u raak en/of vir u van belang is of waaroor u meer inligting versoek. U inset vorm 'n belangrike deel van die OIE-prosesse.

Deur die meegaande antwoordvorm in te vul en aan ons terug te besorg, registreer u uself outomaties as 'n B&GP vir die beoogde projekte en verseker u dat kennis geneem sal word van die kommentaar, knelpunte of navrae wat u met betrekking tot die projekte opper. Let asseblief daarop dat alle kommentaar wat ontvang word, by die projek se dokumentasie ingesluit sal word. Dit kan persoonlike inligting insluit.



Figuur 1: Liggingskaart van die Groot Karoo Hernubare Kraggroep





KOMMENTAAR EN NAVRAE

Rig alle kommentaar, navrae of antwoorde aan:

Savannah Environmental

Nicolene Venter

Posbus 148, Sunninghill, 2157

Selfoon: 060 978 8396 Tel: 011 656 3237

Faks: 086 684 0547

E-pos: publicprocess@savannahsa.com

Besoek

www.savannahSA.com

om projekdokumentasie te besigtig.



Appendix C5:
Organs of State Correspondence

Nicolene Venter

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Friday, 13 May 2022 14:52
To: A Phete
Cc: Nicolene Venter
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of EIAs & BA Report for review & comment and Invitation to Information Session
Attachments: SE3125-Great_Karoo_EIAs&BAR_Notification-FINAL.pdf; SE3125-Great_Karoo_InfoSession_RegForm-FINAL.pdf

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

(DFFE Reference Nos.:

- Merino WEF: 14/12/16/3/3/1/2114
- Kwana PV: 14/12/16/3/3/2/2118
- Moiri PV: 14/12/16/3/3/2/2116
- Nku PV: 14/12/16/3/3/1/2115
- Grid Connection Infrastructure (To be issued)

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Environmental Impact Assessment Reports (EIAs) and the Basic Assessment (BA) Report for your review and comments. The EIAs are available for downloading from our website [click here](#) and the BA Report is available on our website [click here](#).

INVITATION TO THE INFORMATION SESSION:

The attached letter also serves to invite you to attend the Information Session to be held on Thursday, 26 May 2022 at 17h00 at the Richmond Town Hall. Please complete the attached Registration Form to confirm your attendance.

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the EIA and BA Processes.

Kind regards,

[Unsubscribe this type of email](#)



Nicolene Venter
Public Process

t: 011 656 3237
f: 086 684 0547

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

13 May 2021

Dear Stakeholder and Interested and Affected Party,

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE
NEAR RICHMOND, NORTHERN CAPE PROVINCE**

(DFFE Reference Nos.:

- **Merino WEF: 14/12/16/3/3/1/2114**
- **Kwana PV: 14/12/16/3/3/2/2118**
- **Moiri PV: 14/12/16/3/3/2/2116**
- **Nku PV: 14/12/16/3/3/1/2115**
- **Grid Connection Infrastructure (To be issued)**

**NOTIFICATION OF AVAILABILITY OF ENVIRONMENTAL IMPACT ASSESSMENT AND BASIC ASSESSMENT
REPORTS FOR REVIEW AND COMMENT**

The development of the three (3) 100MW solar photovoltaic (PV) energy facilities, the 140MW Merino Wind Energy Facility, 140MW Angora Wind Energy Facility and the Grid Connection Infrastructure for which separate Environmental Impact Assessment (EIA) processes and a combined Public Participation Process are being conducted, namely:

Solar PV Facilities	Wind Energy Facilities
Nku Solar PV Facility	Angora Wind Energy Facility
Moiri Solar PV Facility	Merino Wind Energy Facility
Kwana Solar PV Facility	
Grid Connection Infrastructure	
Central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation	

The detailed project information that was provided in the Background Information Document (BID) distributed on 21 October 2021, has reference.

ENVIRONMENTAL IMPACT ASSESSMENT AND BASIC ASSESSMENT REPORTS AVAILABLE FOR PUBLIC REVIEW AND COMMENT

The Environmental Impact Assessment Reports (EIARs) for each of the renewable energy facilities listed above are available for review and comment from **Friday, 13 May 2022** until **Monday, 13 June 2022**. The reports are available for download from the Savannah Environmental website <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>.

The Basic Assessment Report (BAR) for the Grid Connection Infrastructure is available for review and comment from **Friday, 20 May 2022** until **Monday, 20 June 2022**. The reports are available for download from the Savannah Environmental website <https://savannahsa.com/public-documents/grid-infrastructure/the-great-karoo-cluster-grid-connection-infrastructure/>.

Angora WEF: Please note that the availability of the Angora WEF EIA Report for a 30-day review and comment period will be communicated in due course.

Please note Regulation 3(1) of the Environmental Impact Assessment Regulations, 2014, as amended, i.e.:

Subject to subregulations (2) and (3), when a period of days must in terms of these Regulations be reckoned from or after a particular day, that period must be reckoned as from the start of the day following that particular day to the end of the last day of the period, but if the last day of the period falls on a Saturday, Sunday or public holiday, that period must be extended to the end of the next day which is not a Saturday, Sunday or public holiday.

Although the EIAs for the renewable energy facilities will be available during the course of the day on Friday, 13 May 2022, Saturday, 14 May 2022 would be the first day of your 30-day review and comment period. The due date for written comments is Monday, 13 June 2022. Similarly for Grid Connection Infrastructure BAR that will be available during the course of the day on Friday, 20 May 2022, Saturday, 21 May 2022 would be the first day of your 30-day review and comment period. The due date for written comments is Monday, 20 June 2022.

As per our approved public participation plan submitted to the Department of Forestry, Fisheries and the Environment (DFFE), you can also request that an electronic copy of the Scoping Reports be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the EIAs and BAR via one of the following means:

- Telephone: 011 656 3237
- Mobile: 060 978 8396 (including *please call me*)
- Fax: 086 684 0547
- E-mail: publicprocess@savannahsa.com

All comments should be addressed to Nicolene Venter at Savannah Environmental.

All comments received during the 30-day review and comment periods will be recorded and included in the Final EIAs and Final BAR for submission to the DFFE in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

INVITATION TO INFORMATION SESSION

You are invited to attend the Information Session which will take place at the Richmond Town Hall on **Thursday, 26 May 2022** starting with a poster display at **17h00**, after which those that are interested in attending the presentation can attend the presentation which will start at **17h30**. The Information Session will take place in compliance with the current COVID-19 protocols, and I&APs are therefore required to register their attendance before or on **Monday, 23 May 2022**. Please complete the attached registration form and return to Nicolene Venter or send a WhatsApp / SMS or e-mail to Nicolene (details above) to register your attendance.

We are looking forward to your participation in the public participation processes for these projects as your valuable contribution to the proposed projects will ensure an inclusive approach and allow the DFFE to make an informed decision.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards

A handwritten signature in black ink, appearing to read 'Nicolene Venter', written in a cursive style.

Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

Document included: Information Session Registration Form

ENVIRONMENTAL IMPACT ASSESSMENTS AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

(DFFE Ref. Nos.:

- Merino WEF: 14/12/16/3/3/1/2114
- Kwana PV: 14/12/16/3/3/2/2118
- Moiri PV: 14/12/16/3/3/2/2116
- Nku PV: 14/12/16/3/3/1/2115
- Grid Connection Infrastructure (To be issued)

**Information Session Registration Form
Thursday, 26 May 2022**

Return completed registration form to: **Nicolene Venter** of **Savannah Environmental**

Phone: 011 656 3237 / **Mobile (incl. 'please call me'):** 060 978 8396 / **Fax:** 086 684 0547

E-mail: publicprocess@savannahsa.com **Postal Address:** PO Box 148, Sunninghill, 2157

Your registration for the Information Sessions will be applicable for these projects only and your contact details provided are protected by the POPI Act of 2013

Please provide your complete contact details:

Name	&		
Surname:			
Organisation:			
Designation:			
Postal Address:			
Telephone:		Fax:	
Mobile:			
E-mail:			

I would you like to register my attendance at the Information Session taking place on Thursday, 26 May 2022 as follows: (please tick the relevant box)

SESSION	TIME	YES	NO
Poster Session	17h00 until 17h30		
Presentation	17h30		

Please provide contact details of any other persons who you regard as a potential interested or affected party:

Name & Surname:	
Postal Address:	
Telephone:	
Mobile:	
E-mail:	

Thank you for your registration



Format: HTML

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**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND,
NORTHERN CAPE PROVINCE**

(DFFE Reference Nos.:

- Merino WEF: 14/12/16/3/3/1/2114
- Kwana PV: 14/12/16/3/3/2/2118
- Moiri PV: 14/12/16/3/3/2/2116
- Nku PV: 14/12/16/3/3/1/2115
- Grid Connection Infrastructure (To be issued)

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Environmental Impact Assessment Reports (EI Ars) and the Basic Assessment (BA) Report for your review and comments. The EI Ars are available for downloading from our website [click here](#) and the BA Report is available on our website [click here](#).

INVITATION TO THE INFORMATION SESSION:

The attached letter also serves to invite you to attend the Information Session to be held on Thursday, 26 May 2022 at 17h00 at the Richmond Town Hall. Please complete the attached Registration Form to confirm your attendance.

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Design

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Preview

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[Print](#)

SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of EIAs & BA Report for review & comment and Invitation to Information Session (POE)

Date: Friday,
13 May 2022
Time: 14:50

Company	Last Name	First Name	
	Cafoor	Gafoor	
	Cafoor	Justin	
	Chambers	Joshua	
	Cilliers	Piet	
	Cronje	Jaco	
	De Vos	GA	
	De Vries	Andre	
	Els	Harry	
	Fakier	Faisal	
	Frans	Rhano	
	Haupt	Paul	
	Hugo	Danny	
	Martin	Paul	
	McKey	Kevin	
	Nomajama	Dyasi	
	Olivier	Leon	
	Pieterse	Johannes	
	Reynolds	Kobus	
	Rimbault	Linsey	
	Seymour	Alistair	
	Smith	Desmond	
	Springbok	Sammy-Lee	
	Van den Heever	JW	
	Van Heerden	Denver	
	Victor	Jan	
	Winter	Sarah	
4 Stone Buildings (Pty) Ltd	Levington	Mike	
ABO Wind renewable energies (Pty) Ltd	Malherbe	Du Toit	
AEP	Smith	Peter	
AEP Mogbe Soklar	Peinke	David	
African Clean Energy Development (ACED)	Kot	Stephnie	
African Farmers Association of South Africa	Mahlati	Vuyo	
Agri Northern Cape	Anthonissen	Eben	
Agri Northern Cape	De Wet	Hannes	
Agri Northern Cape	Jansen	Nicol	
Agri Northern Cape	Symington	Willem	
Agri Northern Cape	Van Rensburg	Wiaan	
AgriSA	Rabie	Janse	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	
Atlantic Energy Partners	Peinke	David	
Atlantic Renewable Energy Partners (Pty) Ltd	Hill	Amy	
Beaufort West Local Municipality	Haarhoss	Kosie	

Beaufort West Local Municipality	Nkungwana	M.G	
Beaufort West Local Municipality	Smit	Louw	
Beaufort West Local Municipality	Van Staden	R	
Beaufort West Local Municipality	Visser	Amanda	
Bellatrix Solar PV Project (Pty) Ltd	.	Kate	
BirdLife South Africa	Ralston-Paton	Samantha	
Blue Sky Solar (Pty) Ltd	.	Genevieve	
Blue Sky Solar (Pty) Ltd	.	James	
Brakpoort 75MW PV Solar Farm	McGillivrai	John	
Cell C	Joubert	Brian	
Cell C	Kasseepursad	Harish	
Cell C	Otto	Marius	
Central Karoo District Municipality	Brown	Barbara	
Central Karoo District Municipality	Goeieman	Levona	
Central Karoo District Municipality	Jonkers	J	
Central Karoo District Municipality	Jooste	S	
Central Karoo District Municipality	Koopman	Andre	
Central Karoo District Municipality	Nakani	Phumezo	
Central Karoo District Municipality	Nortje	Nicola	
Central Karoo District Municipality	Rust	Hein	
Central Karoo District Municipality	Theron	Kobus	
Central Karoo District Municipality	Twani	Thobeka	
Central Karoo District Municipality	van Tonder		
Central Karoo District Municipality	van Zyl	Gerrit	
Co-operative Governance & Traditional Affairs	Fatyelwa	Eveline	
Co-Operative Governance & Traditional Leaders	Diphofa	Mashwahle	
Department of Energy	Qase	Nomawethu	
Department of Forestry, Fisheries and the Environment	Buthelezi	Thoko	
Department of Forestry, Fisheries and the Environment	Khumalo	Thulie N	
Department of Forestry, Fisheries and the Environment	Lekota	Seoka	
Department of Forestry, Fisheries and the Environment	Marubini	Mashudu	
Department of Mineral Resources and Energy	Kika	Ntsikelelo	
Department of Mineral Resources and Energy	Mabaso	Sunday	
Department of Mineral Resources and Energy	Maphinda	Mthetheleli	
Department of Mineral Resources and Energy	Masipa	Pheladi	
Department of Mineral Resources and Energy	Mocumi	Precious	
Department of Mineral Resources and Energy	Mutheiwana	Kevin	
Department of Mineral Resources and Energy	Nieuwoudt	Jasper	
Department of Mineral Resources and Energy	Swart	Pieter	
Department of Rural Development and Land Reform	Du Toit	Mangalane	
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	
Department of Rural Development and Land Reform	Moeketsi	Kgotso	
Department of Rural Development and Land Reform	Ntloko-Gobodo	Nomfundo	
Department of Rural Development and Land Reform	Sehularo	Lorato	
Department of Science and Technology	Kgampe	Mere	
Department of Water and Sanitation	Cloete	Shaun	
Department of Water and Sanitation	Dweni	Ncmile	
Department of Water and Sanitation	Franks	Lindiwe	
Department of Water and Sanitation	Hlengani	Alexia	
Department of Water and Sanitation	Mahunonyane	Moses	
Department of Water and Sanitation	Mokhoantle	Lerato	
Department of Water and Sanitation	Shibambu	Steven	
Department of Water and Sanitation	Streuders	Kobus	
DNV-GL	Fyvie	Richard	
Drivequip (Pty) Ltd	Andrag	Louis	
Earthlife Africa	Lekalakala (Secretary)	Makoma	
EDF Renewables (South Africa)	Dewavrin	Louis	

Endangered Wildlife Trust	Hoogstad	Constant	
Eskom Holdings SOC Ltd	Geeringh	John	
Eskom Holdings SOC Ltd	Khanye	Nondwe	
Eskom Holdings SOC Ltd	van Gensen	Andrea	
Farm Grootaar	Erasmus (Jnr)	Casper	
Farm Grootaar	Van den Heever	Stephanus	
Federation for Sustainable Environment	Liefferink	Mariette	
Houdenbeck 222	van der Merwe	Pieter	
JFC General Service Provider	Christoffels	Johnny	
Mainstream Renewable South Africa (Pty) Ltd	Dean	David	
Mainstream WF&PV Victoria West	Thomas	Rebecca	
MTN	Grey	Ms S (Sherly)	
MTN	Nel	Renier	
National Energy Regulator of South Africa (NERSA)	Gxasheka	Andile	
National Energy Regulator of South Africa (NERSA)	Khumalo	Siphiwe	
NC - SA San Council	Louw	Collin	
NC Co-operative Governance, Human Settlements & Traditional Affairs	Botha	G	
NC Cooperative Governance, Human Settlements and Traditional Affairs	Botha	Gladys	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Cloete	Peter	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	De la Fontaine	Samantha	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Mothibi	Viljoen	
NC Dept of Forestry, Fisheries and the Environment (Provincial)	Mans	Jacoline	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource Authority)	Ratha	Timothy	
Ngwao-Boswa Ya Kapa Bokone (NCPHRA)	Timothy	Andrew	
Northern Cape Chamber of Commerce & Industry (NOCCI)	Steyn	Sharon	
Northern Cape Department of Agriculture	Modise	Lerato	
Northern Cape Department of Agriculture	Mogorosi	Zanele	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Diteme	Ali	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	
Northern Cape Department of Co-operative Governance	Phete	A	
Northern Cape Department of Environment and Nature Conservation	Ndzumo	Onwabile	
Northern Cape Department of Environment and Nature Conservation	Uys	Natalie	
Northern Cape Department of Environment and Nature Conservation	van Heerden	Denver	
Northern Cape Department of Roads & Public Works	Roelofse	Jaco	
Northern Cape Department of Roads & Public Works	Sithole	Menelisi	
Northern Cape Department of Roads and Public Works	Nogwili	Kholikile	
Northern Cape Department of Roads and Public Works	Palm	Ruth	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Swart	Elsabe	
Northern Cape Economic Development Agency	Mbobo	Babalwa	
Northern Cape Tourism	McKuchane	Peter	
openServe (on behalf of Telkom SA Ltd)	Groenewald	Vivian	
Pixley Ka Seme District Municipality	Bosch	Beatrice	
Pixley Ka Seme District Municipality	Jaggers	Rachel	
Pixley Ka Seme District Municipality	Moloi	Napo	
Pixley Ka Seme District Municipality	Pieterse	Rodney	
Pixley Ka Seme District Municipality	Present	Passie	
Pixley Ka Seme District Municipality	Sibeko	Asanda	
Ratelfontein Private Nature Reserve	Pickard	Jan	
Red Cap Energy	Jones	Kirsten	
Richmond Chamber of Commerce	Rundle	Len	
SAHRA	Higgitt	Natasha	
SANRAL	Abrahams	Nicole	
Savannah Environmental (Pty) Ltd	Bulunga	Nondumiso	
Sentech Ltd	Motlhake	Serame	

Sirius Power (Pty) Ltd	David	Nunez	
SOLA Group	Maroga	Reuben	
South African Astronomical Observatory	Williams	Ted	
South African Bat Assessment Advisory Panel (SABAAP)	MacEwan	Kate	
South African Bat Assessment Association	Lotter	Caroline	
South African Chamber of Commerce and Industry	Mukoki	Alan	
South African Chamber of Commerce and Industry	Wadi	Albert	
South African Civil Aviation Authority	Stroh	Lizelle	
South African Civil Aviation Authority	Vilakazi	Zwelithini	
South African Civilian Aviation Authority	Jakavula	Zukisani	
South African Department of Defence	Zondi	Lt. Col. Kebasenos	
South African Local Government Association (SALGA)	George	Xolile	
South African National Parks	Novellie	Peter	
South African National Parks (SANP)	Daphne	Paul	
South African Radio Astronomy Observatory (SARAO)	Matlhane	Selaelo	
South African Radio Astronomy Observatory (SARAO)	Monama	Tshegofatso	
South African Radio Astronomy Observatory (SARAO)	Nape	Thato	
South African Radio Astronomy Observatory (SARAO)	Sithole	Busang	
South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	
South African Weather Services	Jardine	Rydall	
South African Weather Services	Magogotya	Zamikhaya	
South African Weather Services	Mofokeng	Puseletso	
South African Weather Services	Ngoepe	Webster	
South African Weather Services	Petlane	Bernard	
South African Wind Energy Association (SAWEA)	van den Berg	Johan	
Subsolar Energy (Pty) Ltd	Fasasie	Stephanie	
Telkom SA SOC Ltd	Bester	Amanda	
Telkom SA SOC Ltd	Shaw	Leonard	
The Green Connection	Allie	Sakeena	
The Green Connection	Arkert	Jan	
The Green Connection	Arkert	Linda	
The Green Connection	Hamilton	Gillian	
The Green Connection	Modise	Ketshepaone	
The Green Connection	Van Rooy	Neville	
Transnet Freight Rail	Maharaj	Verishnee	
Transnet SOC Ltd	Kilian	Geraldine	
Transnet SOC Ltd	Mathebula	Futhi	
Transnet SOC Ltd	Njonga	Andiswa	
Ubuntu Local Municipality	Arends	K.J.	
Ubuntu Local Municipality	Fillis	Martin	
Ubuntu Local Municipality	Jacobs	Hendri	
Ubuntu Local Municipality	Jacobs	Romano	
Ubuntu Local Municipality	Jantjies	Paula	
Ubuntu Local Municipality	Jasson	Bongani	
Ubuntu Local Municipality	Kivedo	M	
Ubuntu Local Municipality	Lefleur	Elizabeth	
Ubuntu Local Municipality	Maphosa	Debere	
Ubuntu Local Municipality	Moses	Rashilda	
Ubuntu Local Municipality	Nkontwana	Miriam	
Ubuntu Local Municipality	Piquer	Jill	
Ubuntu Local Municipality	Robertson	Collin	
Ubuntu Local Municipality	Scholtz	H.E.	
Ubuntu Local Municipality	Tolken	Johan	
Ubuntu Local Municipality	Tsoarelo	Israel	
Ubuntu Local Municipality	van Standen	Bonita	
Ubuntu Local Municipality	Vorster	Erica	
Ubuntu Youth Forum Foundation	Jantjies	D	
Ubuntu Youth Forum Foundation	Kweleta	Eric	

Vodacom	Adraanse	Junior	
Vodacom	Barnard	Hennie	
Vodacom	Fourie	Nico	
WESSA Northern Cape Region	Erasmus	Suzanne	
Wildlife and Environment Society of South Africa (WESSA)	Wesson	John	
Windlab Developments South Africa	Harding	Joseph	
Windlab Developments South Africa (Pty) Ltd	Jackson	Francis	
WKN Windcurrent SA (Pty) Ltd	Abrahams	Zakiya	

Totals:

SCOPING PHASE

Notification of initiation of EIA & Public Participation
Process

21 October 2021

Dear Stakeholder and Interested and Affected Party,

**PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND
GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DEFF Reference Nos.: To be Issued)**

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESSES

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation, located within the Western Cape Province.

Each renewable energy facility will be constructed as a separate stand-alone project and therefore, separate Scoping and Environmental Impact Assessment (EIA) processes will be undertaken for each of the renewable energy facilities. Similarly, the grid connection solution will be subjected to a separate Basic Assessment (BA) process which will consider feasible alternatives for the power line corridors. A combined six (6) applications for Environmental Authorisation (EA) are currently being pursued as follows:

- » Two (2) wind farm EAs:
 - o Angora Wind Energy Facility
 - o Merino Wind Energy Facility
- » Three (3) solar PV facility EAs:
 - o Nku Solar PV Facility
 - o Moiriro Solar PV Facility
 - o Kwana Solar PV Facility
- » One (1) Electrical Grid Infrastructure (EGI)
 - o A central collector 132kV substation and double circuit 132kV power line EA.

Additional technical information regarding these renewable energy facilities is available in the Background Information Document attached to this notification letter.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

In accordance with the Environmental Impact Assessment (EIA) Regulations, 2014 (as amended) published in terms of Section 24(5) of the National Environmental Management Act (No. 107 of 1998) (NEMA), the applicants require Environmental Authorisation (EA) from the National Department of Environment, Forestry and Fisheries (DFFE) in consultation with the Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform (DAEARD&LR) and the Western Cape Department of Environmental Affairs and Development Planning (DEA&DP) for the development of the proposed projects. In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended) and Listing Notices (GNR 327, GNR 325, and GNR 324), the five (5) applications for EA for the renewable energy facilities are subject to the completion of Scoping/EIA processes, and that for the EGI is subject to the completion of a BA process. Each application is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014 (as amended).

The proponent has appointed Savannah Environmental, as the independent environmental consultant to undertake the EIA processes for the projects to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programmes (EMPrs).

Due to the proximity of the renewable energy facilities and their associated grid connection solution to one another, the public participation processes for the projects will be undertaken concurrently, providing the public with an opportunity to understand and provide comment on all the projects. The Public Participation Plan submitted to the DFFE and this approach was approved by the DFFE on 15 September 2021. As part of the environmental studies, Interested and Affected Parties (I&APs) will be actively involved through the public involvement process being undertaken by Savannah Environmental.

You and/or the organization/company, which you represent, have been identified as a stakeholder for the proposed projects as described above. The nature and extent of the solar PV, wind energy facilities, the EGI and associated infrastructure are explored in more detail in the BID which is attached to this letter and is also available for download from the Savannah Environmental website <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>.

PUBLIC INVOLVEMENT PROCESS

The public participation (PP) process will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs;
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the EIA process.

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement and gathering of people to curb the spread of the

COVID-19 virus has placed some limitations on how public consultation can be conducted as part of an EIA processes. The consultation process for these projects has been designed considering these limitations, and the implementation is in line with our public participation plan, as approved by the DFFE. Savannah Environmental have established an online stakeholder engagement platform, where you are invited to register your interest in the project/s, and view project documentation. Please visit our website: <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>.

Where I&APs do not have the applicable facilities or access to internet, alternative means for consultation and to facilitate comment on the projects will be made, including consulting with the Ward Councillor, the ward committee members, community representatives and local community forum members.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards







Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

Attached: Background Information Document
Registration and Comment Form

abc  Format: HTML

Normal Calibri Size (CTRL+S) **B** / *I* U A   

PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DEFF Reference Nos.: To be Issued)

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation, located within the Western Cape Province.



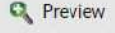
Each renewable energy facility will be constructed as a separate stand-alone project and therefore, separate Scoping and Environmental Impact Assessment (EIA) processes will be undertaken for each of the renewable energy facilities. Similarly, the grid connection solution will be subjected to a separate Basic Assessment (BA) process which will consider feasible alternatives for the power line corridors. A combined six (6) applications for Environmental Authorisation (EA) are currently being pursued as follows:

Two (2) wind farm EAs:

- o Angora Wind Energy Facility
- o Merino Wind Energy Facility

Three (3) solar PV facility EAs:

- o Nku Solar PV Facility
- o Moiriro Solar PV Facility

 Design  HTML  Preview

SAVE

CLOSE

[Print](#)

SE3125: Great Karoo Renewable Cluster - BID distribution (POE)

Date:
Thursday, 21
October 2021
Time: 08:20

Company	Last Name	First Name	Email Address	Email Address 2
	Nunez	David	david.nunez@siriuspower.co.za	
	Pichard	Jan	info@ratelfontein.com	
	Reynolds	Kobus	r2r@vodamail.co.za	
	Rimbault	Linsey	rimbault@wkn-windcurrent.com	
	Van den Heever	JW	Grootaarcc@gmail.com	
African Farmers Association of South Africa	Mahlati	Vuyo	info@afasa.org.za	
Agri Northern Cape	Jansen	Nicol	henning@agrink.co.za	
Agri SA	Rabie	Janse	janse@agrisa.co.za	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	simphiwem@atns.co.za	
Beaufort West Local Municipality	Haarhoss	Kosie	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Nkungwana	M.G	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Smit	Louw	louw@beaufortwestmun.co.za	
Beaufort West Local Municipality	Van Staden	R	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Visser	Amanda	admin@beaufortwestmun.co.za	
Bellatrix Solar PV Project (Pty) Ltd	.	Kate	kate@solagroup.co.za	info@solagroup.co.za
BirdLife South Africa	Ralston-Paton	Samantha	energy@birdlife.org.za	
Blue Sky Solar (Pty) Ltd	.	Genevieve	gen@blueskysolar.co.za	
Blue Sky Solar (Pty) Ltd	.	James	james@blueskysolar.co.za	
Brakpoort 75MW PV Solar Farm	McGillivrai	John	john@africoastenergy.co.za	
Cell C	Joubert	Brian	BJoubert@cellc.co.za	
Cell C	Kasseepursad	Harish	hkasseeepursad@cellc.co.za	
Cell C	Otto	Marius	marius.otto@cellc.co.za	
Central Karoo District Municipality	Brown	Barbara	barbara@skdm.co.za	manager@skdm.co.za
Central Karoo District	Goeieman	Levona	levona@skdm.co.za	

Municipality				
Central Karoo District Municipality	Jonkers	J	jjonkers@skdm.co.za	
Central Karoo District Municipality	Jooste	S	manager@skdm.co.za	
Central Karoo District Municipality	Koopman	Andre	andre@skdm.co.za	
Central Karoo District Municipality	Nakani	Phumezo	manager@skdm.co.za	
Central Karoo District Municipality	Nortje	Nicola	nicola@skdm.co.za	
Central Karoo District Municipality	Rust	Hein	heinjrust@gmail.com	
Central Karoo District Municipality	Theron	Kobus	kobus@skdm.co.za	
Central Karoo District Municipality	Twani	Thobeka	manager@skdm.co.za	
Central Karoo District Municipality	van Tonder		manager@skdm.co.za	
Central Karoo District Municipality	van Zyl	Gerrit	gerrit@skdm.co.za	
Co-Operative Governance & Traditional Leaders	Diphofa	Mashwahle	info@cogta.gov.za	
Department of Agriculture, Forestry and Fisheries	Buthlezi	Thoko	thokob@daff.gov.za	ThokoB@nda.agric.za
Department of Agriculture, Forestry and Fisheries	Marubini	Mashudu	mashuduma@daff.gov.za	
Department of Energy	Masipa	Pheladi	Pheladi.Masipa@energy.gov.za	
Department of Environment and Nature Conservation: Northern Cape	De la Fontaine	Samantha	sdelafontaine@gmail.com	
Department of Forestry, Fisheries and the Environment	Lekota	Seoka	BCAdmin@environment.gov.za	slekota@environment.gov.za
Department of Forestry, Fisheries and the Environment	Mans	Jacoline	jmans@environment.gov.za	jacolinema@daff.gov.za
Department of Mineral Resources	Nieuwoudt	Jasper	jasper.nieuwoudt@dmr.gov.za	
Department of Mineral Resources	Swart	Pieter	Pieter.Swart@dmr.gov.za	lpeleng.Wesi@dmr.gov.za
Department of Rural	Du Toit	Mangalane	Mangalane.DuToit@drdlr.gov.za	

Development and Land Reform				
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	Nozizwe.Makgalemele@drdlr.gov.za	
Department of Rural Development and Land Reform	Moeketsi	Kgotso	kgotso.moeketsi@drdlr.gov.za	
Department of Rural Development and Land Reform	Ntloko-Gobodo	Nomfundo	nomfundo.ntloko-gobodo@drdlr.gov.za	
Department of Rural Development and Land Reform	Sehularo	Lorato	LSehularo@ruraldevelopment.gov.za	
Department of Science and Technology	Kgampe	Mere	mere.kgampe@dst.gov.za	
Department of Water and Sanitation	Ackerman	Pieter	AckermanP@dws.gov.za	
Department of Water and Sanitation	Franks	Lindiwe	FranksL@dws.gov.za	
Department of Water and Sanitation	Hlengani	Alexia	HlenganiA@dws.gov.za	
Department of Water and Sanitation	Streuders	Kobus	FranksL@dws.gov.za	
Earthlife Africa	Lekalakala (Secretary)	Makoma	makoma@earthlife.org.za	makoma@earthlife.org.za
Endangered Wildlife Trust	Hoogstad	Constant	eia@ewt.org.za	
Eskom Holdings SOC Ltd	Geeringh	John	john.geeringh@eskom.co.za	GeerinJH@eskom.co.za
Eskom Holdings SOC Ltd	Khanye	Nondwe	khanyen@eskom.co.za	
Eskom Holdings SOC Ltd	van Gensen	Andrea	vgenseal@eskom.co.za	
Farm Grootaar	Van den Heever	Stephanus	Grootaarcc@gmail.com	
Federation for Sustainable Environment	Liefferink	Mariette	marietteL@iburst.co.za	
Mainstream WF&PV Victoria West	Thomas	Rebecca	Rebecca.Thomas@mainstreamrp.com	
MTN	Grey	Ms S (Sherly)	gry_s@mtn.co.za	
National Energy Regulator of South Africa (NERSA)	Gxasheka	Andile	andile.gxasheka@nersa.org.za	Andile.Gxasheka@nersa.org.za
National Energy Regulator of	Khumalo	Siphiwe	siphiwe.khumalo@nersa.org.za	

South Africa (NERSA)				
NC - SA San Council	Louw	Collin	wclouw@yahoo.co.uk	
NC Co-operative Governance, Human Settlements & Traditional Affairs	Botha	G	jpetersen@ncpg.gov.za	
NC Department of Agriculture, forestry and fisheries	Mans	Jacoline	jacolinema@daff.gov.za	
NC Department of Agriculture, forestry and fisheries	Mothibi	Viljoen	tperkins@grand.ncape.gov.za	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Cloete	Peter	peter.denc87@gmail.com	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource Authority)	Ratha	Timothy	ratha.timothy@gmail.com	timothy@nbkb.org.za
Ngwao-Boswa Ya Kapa Bokone (NCPHRA)	Timothy	Andrew	ratha.timothy@gmail.com	
Northern Cape Chamber of Commerce & Industry (NOCCI)	Steyn	Sharon	sharon@nocci.co.za	
Northern Cape Department of Agriculture	Modise	Lerato	lwamodise@ncpg.gov.za	
Northern Cape Department of Agriculture	Mogorosi	Zanele	ZMogorosi@ncpg.gov.za	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	cfortune@agri.ncape.gov.za	
Northern Cape Department of Co-operative Governance	Phete	A	aphete@ncpg.gov.za	
Northern Cape Department of Environment & Nature Conservation	Geldenhuis	Conrad	c.geldenhuis@hotmail.com	
Northern	Phete	A	aphete@ncpg.gov.za	

Cape Department of Environment & Nature Conservation				
Northern Cape Department of Roads & Public Works	Roelofse	Jaco	roelofse.j@vodamail.co.za	
Northern Cape Department of Roads and Public Works	Palm	Ruth	klawrence@trpw.ncape.gov.za	klawrence@ncape.gov.za
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald	pamnc@vodamail.co.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	BFisher@ncpg.gov.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	dmoleko@ncpg.gov.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Swart	Elsabe	elsabe.dtec@gmail.com	
Northern Cape Economic Development Agency	Mbobo	Babalwa	mbobobc@gmail.com	
Northern Cape Tourism	McKuchane	Peter	peter.ncta@telkomsa.net	marketing@experiencenortherncape.com
Pixley Ka Seme District Municipality	Bosch	Beatrice	btbosch@pkisd.gov.za	
Pixley Ka Seme District Municipality	Present	Passie	mm@pkisd.gov.za	
Pixley Ka Seme District Municipality	Sibeko	Asanda	asibeko@pkisd.gov.za	
Ratelfontein Private Nature Reserve	Pichardt	Jan	info@ratelfontein.com	
Red Cap Energy	Jones	Kirsten	kirsten@red-cap.co.za	
SANRAL	Abrahams	Nicole	Abrahamsn@nra.co.za	
Savannah Environmental (Pty) Ltd	Bulunga	Nondumiso	nondumiso@savannahsa.com	
Sentech Ltd	Motlhake	Serame	MotlhakeS@sentech.co.za	
South African Astronomical Observatory	Williams	Ted	director@sao.ac.za	
South African	MacEwan	Kate	kate@iws-sa.co.za	

Bat Assessment Advisory Panel (SABAAP)				
South African Bat Assessment Association	Lotter	Caroline	caroline@iws-sa.co.za	
South African Chamber of Commerce and Industry	Mukoki	Alan	alanm@sacci.org.za	
South African Chamber of Commerce and Industry	Wadi	Albert	albertw@sacci.org.za	
South African Civil Aviation Authority	Stroh	Lizelle	obstacles@caa.co.za	strohl@caa.co.za
South African Civil Aviation Authority	Vilakazi	Zwelithini	obstacles@caa.co.za	vilakazizw@caa.co.za
South African Civilian Aviation Authority	Jakavula	Zukisani	strohl@caa.co.za	
South African Department of Defence	Zondi	Lt. Col. Kebasenosi	kebasenosi@yahoo.com	
South African Heritage Resources Agency	Higgitt	Natasha	nhiggitt@sahra.org.za	
South African Local Government Association (SALGA)	George	Xolile	xgeorge@salga.org.za	nmaluleke@salga.org.za
South African National Parks	Novellie	Peter	peter.novellie@sanparks.org	
South African National Parks (SANP)	Daphne	Paul	pauld@sanparks.org	
South African Radio Astronomy Observatory (SARAO)	Matlhane	Selaelo	smatlhane@ska.ac.za	smatlhane@sarao.ac.za
South African Radio Astronomy Observatory (SARAO)	Sithole	Busang	bsethole@ska.ac.za	bsethole@sarao.ac.za
South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	atiplady@ska.ac.za	atiplady@sarao.ac.za
South African Weather Services	Jardine	Rydall	Rydall.jardine@weathersa.co.za	
South African Weather Services	Magogotya	Zamikhaya	Zamikhaya.Magogotya@weathersa.co.za	
South African Weather Services	Mofokeng	Puseletso	puseletso.mofokeng@weathersa.co.za	

South African Weather Services	Ngoepe	Webster	webster.ngoepe@weathersa.co.za	
South African Weather Services	Petlane	Bernard	Bernard.Petlane@weathersa.co.za	
South African Wind Energy Association (SAWEA)	van den Berg	Johan	johan@sawea.org.za	
Telkom SA SOC Ltd	Bester	Amanda	WayleaCR@telkom.co.za	
Telkom SA SOC Ltd	Shaw	Leonard	shawls@telkom.co.za	
The Green Connection	Allie	Sakeena	alliesakeena@gmail.com	info@thegreenconnection.org.za
The Green Connection	Arkert	Jan	greenconnectcpt@gmail.com	info@thegreenconnection.org.za
The Green Connection	Arkert	Linda	arkert@africaexposed.co.za	info@thegreenconnection.org.za
The Green Connection	Hamilton	Gillian	gill@twigconsulting.co.za	info@thegreenconnection.org.za
The Green Connection	Modise	Ketshepaone	kymodise@gmail.com	info@thegreenconnection.org.za
The Green Connection	Van Rooy	Neville	greenconnectcpt@gmail.com	info@thegreenconnection.org.za
Transnet SOC Ltd	Kilian	Geraldine	Geraldine.Kilian@transnet.net	
Transnet SOC Ltd	Mathebula	Futhi	futhi.mathebula@transnet.net	
Transnet SOC Ltd	Njonga	Andiswa	Andiswa.Njonga@transnet.net	
Ubuntu Local Municipality	Arends	K.J.	krisjanarns646@gmail.com	krisarends646@gmail.com
Ubuntu Local Municipality	Fillis	Martin	mfillis@ubuntu.gov.za	mfillis@mweb.co.za
Ubuntu Local Municipality	Jacobs	Hendri	hjacobson@ubuntu.gov.za	
Ubuntu Local Municipality	Jacobs	Komano	asperitojacobs@gmail.com	
Ubuntu Local Municipality	Jantjies	Paula	paulajantjies1@gmail.com	
Ubuntu Local Municipality	Kivedo	M	kivedo@gmail.com	mkivedo@gmail.com
Ubuntu Local Municipality	Lefleur	Elizabeth	info@ubuntu.gov.za	
Ubuntu Local Municipality	Maphosa	Debere	maphosa.d@gmail.com	
Ubuntu Local Municipality	Piquer	Jill	health@ubuntu.gov.za	
Ubuntu Local Municipality	Scholtz	H.E.	mscholtz@ubuntu.gov.za	
Ubuntu Local Municipality	Tsoarelo	Israel	otshekela@pkisd.gov.za	
Ubuntu Local Municipality	van Standen	Bonita	bvanstaden08@gmail.com	
Ubuntu Local Municipality	Vorster	Erica	evorster@ubuntu.gov.za	ericavorster@gmail.com
Vodacom	Adraanse	Junior	junior.adriaanse@vodacom.co.za	
Vodacom	Barnard	Hennie	hennie.barnard@vodacom.co.za	
Vodacom	Fourie	Nico	Nico.Fourie@vodacom.co.za	
WESSA Northern Cape Region	Erasmus	Suzanne	wessanc@yahoo.com	
Wildlife and Environment	Wesson	John	jnbadmin@wessa.co.za	

Society of South Africa (WESSA)				
Windlab Developments South Africa	Harding	Joseph	windlab.iap@windlab.com	
Windlab Developments South Africa (Pty) Ltd	Jackson	Francis	francis.jackson@windlab.com	
WKN Windcurrent SA (Pty) Ltd	Abrahams	Zakiya	abrahams@wkn-windcurrent.com	

Totals:

Notification of availability of Scoping Report for review
and comment

10 November 2021

Dear Stakeholder and Interested and Affected Party,

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE
NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFE Reference Nos.: To be Issued)**

NOTIFICATION OF AVAILABILITY OF SCOPING REPORTS FOR REVIEW AND COMMENT

The development of the three (3) 100MW solar photovoltaic (PV) energy facilities, and the two (2) 140MW wind farms for which separate Environmental Impact Assessment (EIA) processes and a combined Public Participation Process are being conducted, namely:

Solar PV Facilities	Wind Energy Facilities
Nku Solar PV Facility	Angora Wind Energy Facility
Moriri Solar PV Facility	Merino Wind Energy Facility
Kwana Solar PV Facility	

The detailed project information that was provided in the Background Information Document (BID) distributed on 21 October 2021, has reference.

SCOPING REPORTS AVAILABLE FOR PUBLIC REVIEW AND COMMENT

The Scoping Reports for each of the renewable energy facilities are available for review and comment from **Friday, 12 November 2021** until **Monday, 13 December 2021**. The reports are available for download from the Savannah Environmental website <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>.

Please note Regulation 3(1) of the Environmental Impact Assessment Regulations, 2014, as amended, i.e.:

Subject to subregulations (2) and (3), when a period of days must in terms of these Regulations be reckoned from or after a particular day, that period must be reckoned as from the start of the day following that particular day to the end of the last day of the period, but if the last day of the period fails on a Saturday, Sunday or public holiday, that period must be extended to the end of the next day which is not a Saturday, Sunday or public holiday.

Although the Scoping Reports for the renewable energy facilities will be available during the course of the day on Friday, 12 November 2021, Saturday, 13 November 2021 would be the first day of your 30-day review and comment period. The due date for written comments is Monday, 13 December 2021.

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster, limiting the movement and gathering of people to curb the spread of the COVID-19 virus has placed some limitations on making hard copies of the Scoping Reports available at public places such as libraries and municipal offices.

As per our approved public participation plan submitted to the Department of Forestry, Fisheries and the Environment (DFFE), you can also request that an electronic copy of the Scoping Reports be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the Scoping Reports via one of the following means:

- Telephone: 011 656 3237
- Mobile: 060 978 8396 (including please call me)
- Fax: 086 684 0547
- E-mail: publicprocess@savannahsa.com

All comments should be addressed to Nicolene Venter or Tumelo Mathulwe at Savannah Environmental.

All comments received during the 30-day review and comment period will be recorded and included in the Final Scoping Reports for submission to the DFFE in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

INVITATION TO INFORMATION SESSION

You are invited to attend the Information Session (poster display) which will take place at the Richmond Show Grounds on **Thursday, 02 December 2021 at 14h00 until 17h00**. The Information Session will take place in compliance with COVID-19 protocols, and attendees are limited to 12 persons at a time in the Hall. Please contact Nicolene Venter or Tumelo Mathulwe (details below) to register your attendance:

- Mobile: 060 978 8396 (including *please call me*)
- Fax: 086 684 0547
- E-mail: publicprocess@savannahsa.com

We are looking forward to your participation in the public participation processes for these projects as your valuable contribution to the proposed projects will ensure an inclusive approach and allow the DFFE to make an informed decision.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards



Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

abc [Icons] Format: HTML

Normal Calibri Size (CTRL+S) **B** / U A [Icons]

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND,
NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

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SE3125: Great Karoo Renewable Cluster - Notification of availability of Scoping Reports (POE)

Date:
Wednesday,
10 November
2021
Time: 16:57

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SAVANNAH ENVIRONMENTAL WEBSITE

WELCOME TO OUR VIRTUAL CONSULTATION

Maps &
Plans

Project
Information

Presentations

[Submit A Comment](#)

Downloads

The Great Karoo Cluster of Renewable Energy Facilities:

Moriri Solar PV Energy Facility

[Scoping Report](#)

[Appendix A: EIA Project Consulting Team CVs](#)

[Appendix B: Authority Correspondence](#)

[Appendix C1: I&AP Database](#)

[Appendix C2: Site Notices & Newspaper Adverts](#)

[Appendix C3: Background Information Document](#)

[Appendix C4: Organs of State Correspondence](#)

[Appendix C5: I&AP Correspondence](#)

[Appendix C6: Comments Received](#)

Appendix C7: Minutes of Meetings

Appendix C8: Comments and Responses Report

Appendix C9: PP Plan&Approval

Appendix D: Ecological Scoping Assessment

Appendix E: Avifauna Scoping Assessment

Appendix F: Bat Scoping Assessment

Appendix G: Soils and Freshwater Scoping Assessment

Appendix H: Heritage Scoping Assessment

Appendix I: Noise Scoping Assessment

Appendix J: Visual Scoping Assessment

Appendix K: Social Scoping Assessment

Appendix L: Traffic Scoping Assessment

Appendix M: Maps (A3)

Appendix N: Specialist Declarations

Appendix O: DFFE Screening Report

Appendix P: EAP Declaration of Independence and Affirmation

SAHRIS UPLOAD



SAHRA Application Closure

Please note the following concerning applications submitted to the South African Heritage Resources Agency (SAHRA) during the December 2021 to January 2022 period.

The full notice is available here: [Notice](#)

Proposed Moriri Solar PV Facility to be developed as part of the Great Karoo Renewable Energy Development near Richmond in the Northern Cape

[Log in](#) or [register](#) to post comments 14 reads

CaseHeader

LocationInfo

Admin

Status: [Studies Pending](#)

HeritageAuthority(s): [SAHRA](#)

[NBKB](#)

Case Type: [Section 38 \(8\) - Statutory Comment Required](#)

Development Type: [Solar](#)

ProposalDescription:

Great Karoo Renewable Energy (Pty) Ltd is proposing the construction and operation of a photovoltaic (PV) solar energy facility and associated infrastructure on Portion 0 of Farm Rondavel 85, located approximately 35km south-west of Richmond and 80km south-east of Victoria West, within the Ubuntu Local Municipality and the Pixley Ka Seme District Municipality in the Northern Cape Province. A preferred project site with an extent of ~29 909ha and a development area of ~577ha within the project site has been identified by Great Karoo Renewable Energy (Pty) Ltd as a technically suitable area for the development of the Moriri Solar PV Facility with a contracted capacity of up to 100MW. The Moriri Solar PV Facility project site is proposed to accommodate the following infrastructure, which will enable the facility to supply a contracted capacity of up to 100MW: Solar PV array comprising PV modules and mounting structures. Inverters and transformers. Cabling between the panels. 33/132kV onsite facility substation. Cabling from the onsite substation to the collector substation (either underground or overhead). Electrical and auxiliary equipment required at the collector substation that serves that solar energy facility, including switchyard/bay, control building, fences, etc. Battery Energy Storage System

(BESS). Site offices and maintenance buildings, including workshop areas for maintenance and storage. Laydown areas. Access roads and internal distribution roads. The solar PV facility is proposed in response to the identified objectives of the national and provincial government and local and district municipalities to develop renewable energy facilities for power generation purposes. It is the developer's intention to bid for the Moriri Solar PV Facility under the Department of Mineral Resources and Energy's (DMRE's) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme, with the aim of evacuating the generated power into the national grid. This will aid in the diversification and stabilisation of the country's electricity supply, in line with the objectives of the Integrated Resource Plan (IRP) with the Moriri Solar PV Facility set to inject up to 100MW into the national grid. The project is planned as part of a larger cluster of renewable energy projects, which include two (2) 140MW Wind Energy Facilities (known as Merino Wind Farm and Angora Wind Farm) two (2) additional 100MW PV facilities (known as Nku Solar PV and Kwana Solar PV), as well as the grid connection infrastructure connecting the renewable energy facilities to the existing Eskom Gamma Substation.

ApplicationDate: Monday, November 15, 2021 - 17:18

CaseID: 17542

OtherReferences:

Heritage Reports: [Heritage Screener - Moriri PV \(Great Karoo\)](#)

ReferenceList:

Additional Documents

1.  [SE3125 - Moriri - Appendix A - EIA Project Consulting Team CVs.pdf](#)
2.  [SE3125 - Moriri - Appendix B - Authority Consultation.pdf](#)
3.  [SE3125 - Moriri - Appendix C1-I&AP Database.pdf](#)
4.  [SE3125 - Moriri - Appendix C2-Site Notices & Newspaper Adverts.pdf](#)
5.  [SE3125 - Moriri - Appendix C3-Background Information Document.pdf](#)
6.  [SE3125 - Moriri - Appendix C4-Organs of State Correspondence.pdf](#)
7.  [SE3125 - Moriri - Appendix C5-I&AP Correspondence.pdf](#)
8.  [SE3125 - Moriri - Appendix C6-Comments Received.pdf](#)
9.  [SE3125 - Moriri - Appendix C7-Meeting Notes.pdf](#)
10.  [SE3125 - Moriri - Appendix C8-Comments and Responses Report.pdf](#)
11.  [SE3125 - Moriri - Appendix C9-PP Plan&Approval.pdf](#)
12.  [SE3125 - Moriri - Appendix D - Ecological Scoping Report.pdf](#)
13.  [SE3125 - Moriri - Appendix E - Avifauna Scoping Report.pdf](#)
14.  [SE3125 - Moriri - Appendix F - Bat Scoping Report.pdf](#)
15.  [SE3125 - Moriri - Appendix G - Soils & Freshwater Report.pdf](#)
16.  [SE3125 - Moriri - Appendix I - Visual Scoping Report.pdf](#)
17.  [SE3125 - Moriri - Appendix J - Social Scoping Report.pdf](#)
18.  [SE3125 - Moriri - Appendix K - Traffic Scoping Report.pdf](#)
19.  [SE3125 - Moriri - Appendix L - Maps \(A3\).pdf](#)
20.  [SE3125 - Moriri - Appendix M - Specialist Declarations.pdf](#)
20.  [SE3125 - Moriri - Appendix M - Specialist Declarations.pdf](#)
21.  [SE3125 - Moriri - Appendix N - Screening Tool Report.pdf](#)
22.  [SE3125 - Moriri - Appendix O - EAP Affirmation and Declaration.pdf](#)
23.  [SE3125 - Moriri - Moriri Scoping Report\(Nov21\).pdf](#)

Correspondence

Department of Forestry, Fisheries and the Environment

Nicolene Venter

From: Brenda Ton
Sent: Tuesday, 16 November 2021 13:11
To: Rendani Rasivhetshele
Cc: Nicolene Venter; Tumelo Mathulwe; Nondumiso Bulunga
Subject: (SE3125-Moriri) - Great Karoo Renewable Energy (Pty) Ltd - Ref.No.: 14/12/16/3/3/2/2116

FYI

Thank you and kind regards,

Brenda Ton

Office & Administrator Manager | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

[SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015](#)

From: Ephron Maradwa <EMaradwa@dffe.gov.za>
Sent: Tuesday, 16 November 2021 12:33
To: Brenda Ton <Brenda@savannahsa.com>
Cc: Thabile Sangweni <TSANGWENI@dffe.gov.za>; Salome Mambane <SMAMBANE@dffe.gov.za>; EIAAdmin <EIAAdmin@dffe.gov.za>
Subject: 14/12/16/3/3/2/2116

Dear Brenda

14/12/16/3/3/2/2116

ACKNOWLEDGEMENT OF RECEIPT OF THE NEW APPLICATION AND DRAFT SCOPING REPORT FOR ENVIRONMENTAL AUTHORISATION FOLLOWING A SCOPING ASSESSMENT PROCESS FOR THE PROPOSED MORIRI SOLAR PV FACILITY, NORTHERN CAPE PROVINCE.

The Department confirms having received the Application form and Draft Scoping Report for Environmental Authorisation for the abovementioned project on 12 November 2021. 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 3 of Chapter 4 of the EIA Regulations, 2014, as amended. You are therefore referred to Regulation 21 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.

Kindly quote the abovementioned reference number in any future correspondence in respect of the application.

EIA Applications

Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment

Please note that this email is for the receipt and processing of online applications only, and is not monitored for responses. All queries must be directed to EIAAdmin@environment.gov.za.

You are advised that this mailbox has a 48 hour response time.

Please note that this mailbox has a 5mb mail limit. No zip files are to be attached in any email.

Department of Forestry, Fisheries and the
Environment

Directorate: Biodiversity Conservation

Lekota, Seoka - Department of Forestry, Fisheries and the Environment

Main: 012 399 9573

Email: BCAdmin@environment.gov.za

Email 2: slekota@environment.gov.za

Date: 2021/11/10

Time: 16:50

Creator: Nicolene Venter

Note

Nicolene Venter has subscribed Seoka Lekota - Department of Forestry, Fisheries and the Environment '<BCAdmin@environment.gov.za>' to Campaign: '3125 Great Karoo-SR Notification'.

Savannah Public Process

From: Savannah Public Process
Sent: Wednesday, 24 November 2021 14:20
To: BC Admin
Cc: Portia Makitla; Mmakoena Mmola; Nondumiso Bulunga
Subject: SE3125: Great Karoo Cluster of Renewable Facilities - Case Officers & Reference numbers

Dear Portia,

As requested at yesterday's Key Stakeholders Workshop, herewith the DFFE Case Officers for each of the EA Applications:

1. Angora Wind Farm (DFFE Ref: 14/12/16/3/3/2/2113) – Herman Alberts or Salome Mambane
2. Merino Wind Farm (DFFE Ref: 14/12/16/3/3/2/2114) - Herman Alberts or Salome Mambane
3. Nku Solar PV (DFFE Ref: 14/12/16/3/3/2/2115) - Herman Alberts or Salome Mambane
4. Moriri PV (DFFE Ref: 14/12/16/3/3/2/2116) – Thabile Sangweni or Salome Mambane
5. Kwana PV (DFFE Ref: 14/12/16/3/3/2/2118) - Thabile Sangweni or Salome Mambane

The reference numbers will also be included as post-meeting notes in the Workshop Notes.

Kind regards,



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f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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Savannah Public Process

From: Savannah Public Process
Sent: Wednesday, 08 December 2021 12:08
To: Portia Makitla; Aulicia Maifo
Cc: BC Admin
Subject: 14/12/16/3/3/2/2113 / 14/12/16/3/3/2/2114 / 14/12/16/3/3/2/2115 /
14/12/16/3/3/2/2116 / 14/12/16/3/3/2/2118

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

Dear Portia & Aulicia,

I would like to take this opportunity to remind the Directorate: Biodiversity Conservation that the comment period for the Scoping Reports of the above-mentioned projects are ending on **Monday, 13 December 2021**.

Would you please be so kind and confirm that written comments will be submitted.

Kind regards,



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Consultant

e: publicprocess@savannahsa.com
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Department of Mineral Resources and Energy

Savannah Public Process

From: Savannah Public Process
Sent: Sunday, 14 November 2021 19:03
To: Precious Mocumi
Subject: SE2662: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Consultation & written comments on Scoping Reports

Dear Ms Mocumi,

In terms of the Environmental Impact Assessment (EIA) Regulations, Regulation 41.(2)(b)(v) our e-mail dated 12 November 2021 complied with this Regulation in which the DMRE is informed of the application for Environmental Authorisation, and in terms of Regulation 43.(2) your Department received the notification attached to our e-mail dated 12 November 2021 in which your Department is requested, subjected to regulation 7(2), to submit written comments on the Scoping Reports within 30 days of the notification.

Would you please be so kind and inform us of the name and contact details of the DMRE Official who will be submitting written comments on the Scoping Reports.

Kind regards,



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e: publicprocess@savannahsa.com
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From: Precious Mocumi <Precious.Mocumi@dmre.gov.za>
Sent: Thursday, 11 November 2021 15:36
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

afternoon

you do not have to send me our specialist reports as you only consult with us, we do not deal with your actual application for solar.

Regards,
Precious Mocumi

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>

Sent: Wednesday, 10 November 2021 5:00 PM

To: Precious Mocumi <Precious.Mocumi@dmre.gov.za>

Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR
RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

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f: 086 684 0547

Nicolene Venter
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c: +27 (0) 60 978 8396

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Telkom (OpenServe)

Savannah Public Process

From: Chris Schutte (CE) <SchutCE5@telkom.co.za>
Sent: Thursday, 28 October 2021 15:45
To: Savannah Public Process
Subject: FW: CRHC0633-21 Moiriro Solar PV Facility

Good day

Hereby do we acknowledge your proposed project.

For future reference please quote CRHC0633-21.

Kind regards

Chris Schutte
Mvelaphande Trading
SchutCE5@telkom.co.za
078 741 5862

Department of Water and Sanitation

Nicolene Venter

From: Ackerman Pieter <AckermanP@dws.gov.za>
Sent: Thursday, 21 October 2021 16:03
To: Nicolene Venter
Subject: RE: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION: Notification of EIA, BA and Public Participation Processes

Pleasure

From: Nicolene Venter [mailto:nicolene@savannahsa.com]
Sent: 21 October 2021 02:25 PM
To: Ackerman Pieter <AckermanP@dws.gov.za>
Subject: RE: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION: Notification of EIA, BA and Public Participation Processes

Thank you Pieter – appreciated.

From: Ackerman Pieter <AckermanP@dws.gov.za>
Sent: Thursday, 21 October 2021 14:21
To: Nicolene Venter <nicolene@savannahsa.com>
Subject: FW: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION: Notification of EIA, BA and Public Participation Processes

fyi

From: Fourie Lizna (ELS)
Sent: 21 October 2021 01:00 PM
To: Ackerman Pieter <AckermanP@dws.gov.za>; Bera Moosa (ELS) <BeraM@dws.gov.za>; Ntoi Mosala(KBY) <NtoiM@dws.gov.za>; Feni Ntombizanele (KBY) <FeniN2@dws.gov.za>; Daniel Shaddai <DanielS@dws.gov.za>
Cc: nicolene@savannahsa.com
Subject: RE: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION: Notification of EIA, BA and Public Participation Processes

Hi Pieter

Nicolene can work through my office for the L 21B catchment. We will get the application and then assign it to the PE office

Thanks

Lizna

From: Ackerman Pieter [mailto:AckermanP@dws.gov.za]
Sent: Thursday, 21 October 2021 12:51
To: Fourie Lizna (ELS) <FourieL4@dws.gov.za>; Bera Moosa (ELS) <BeraM@dws.gov.za>; Ntoi Mosala(KBY) <NtoiM@dws.gov.za>; Feni Ntombizanele (KBY) <FeniN2@dws.gov.za>; Daniel Shaddai <DanielS@dws.gov.za>
Subject: FW: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION: Notification of EIA, BA and Public Participation Processes

Hi

Can anyone assist Nicolene which regional office will be involved.

Thanks

Pieter Ackerman (PrLArch)
Chief Landscape Architect
Department of Water and Sanitation (DWS), South Africa
Sub Directorate Instream Water Use
Tel: 012 336 8217
Cell: 082 807 3512
Fax: 012 336 6608



water & sanitation
Department
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

**Taking a five-minute shower a day
instead of a bath, will use a third
of the water, saving up to 400 lit
of water a week.**

From: Nicolene Venter [<mailto:nicolene@savannahsa.com>]

Sent: 21 October 2021 12:21 PM

To: Ackerman Pieter <AckermanP@dws.gov.za>

Cc: Mulaudzi Nkhumbudzeni <MulaudziN@dws.gov.za>; Kuse Lumka <KuseL@dws.gov.za>; Roets Wietsche <RoetsW@dws.gov.za>; Meulenbeld Paul <MeulenbeldP@dws.gov.za>; Ntoi Mosala(KBY) <NtoiM@dws.gov.za>; Feni Ntombizanele (KBY) <FeniN2@dws.gov.za>; Bila-Mupariwa Ntombizanele Mary <Bila-MupariwaN@dws.gov.za>; Khosa Tsunduka <KhosaT@dws.gov.za>; Tonjeni Mzuvukile <TonjeniM@dws.gov.za>; Dhlamini Nthabiseng <DhlaminiN@dws.gov.za>; Tumelo Mathulwe <tumelo@savannahsa.com>; Nondumiso Bulunga <Nondumiso@savannahsa.com>

Subject: RE: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION: Notification of EIA, BA and Public Participation Processes

Hi Pieter,

Thank you for your e-mail below.

Your Department's notification that a WUL needs to be applied for has been forwarded to the applicant.

These projects extends into two WMA namely the Lower Orange WMA (WMA 6) and the Mzimvubu-Tsitsikamma WMA (WMA7) and the locally affected quaternary catchments include D61A, D61D and L21B.

I would be appreciated if your Department can inform us who the commenting official for the two WMAs are so that we can follow-up in terms of written comments on the Scoping Reports for the PV and Wind Facilities and the BA Report for the Electrical Grid Infrastructure.

Kind regards,

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From: Ackerman Pieter <AckermanP@dws.gov.za>

Sent: Thursday, 21 October 2021 08:49

To: Savannah Public Process <publicprocess@savannahsa.com>

Cc: Nicolene Venter <nicolene@savannahsa.com>; Mulaudzi Nkhumbudzeni <MulaudziN@dws.gov.za>; Kuse Lumka <KuseL@dws.gov.za>; Roets Wietsche <RoetsW@dws.gov.za>; Meulenbeld Paul <MeulenbeldP@dws.gov.za>; Ntoi Mosala(KBY) <NtoiM@dws.gov.za>; Feni Ntombizanele (KBY) <FeniN2@dws.gov.za>; Bila-Mupariwa Ntombizanele Mary <Bila-MupariwaN@dws.gov.za>; Khosa Tsunduka <KhosaT@dws.gov.za>; Tonjeni Mzuvukile <TonjeniM@dws.gov.za>; Dhlamini Nthabiseng <DhlaminiN@dws.gov.za>

Subject: RE: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION: Notification of EIA, BA and Public Participation Processes

Hi Nicolene

Water use authorisation to be applied for

Regards

Pieter Ackerman (PrLArch)
Chief Landscape Architect
Department of Water and Sanitation (DWS), South Africa
Sub Directorate Instream Water Use
Tel: 012 336 8217
Cell: 082 807 3512
Fax: 012 336 6608



water & sanitation

Department
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

**Taking a five-minute shower a day
instead of a bath, will use a third
of the water, saving up to 400 lit
of water a week.**

From: Savannah Environmental Public Process [<mailto:publicprocess@savannahsa.com>]

Sent: 21 October 2021 08:12 AM

To: Ackerman Pieter <AckermanP@dws.gov.za>

Cc: Nicolene Venter <nicolene@savannahsa.com>

Savannah Public Process

From: Savannah Public Process
Sent: Sunday, 14 November 2021 20:00
To: Fourie Lizna (ELS)
Cc: Mpumela Ntombiyamayirha(PLZ); Maneli Mzukisi (PLZ); Fiko Tabisa
Subject: RE: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports
Attachments: Great Karoo 27.09.2021.kmz

Dear Lizna,

Thank you for your e-mail below.

Attached is the .KMZ file which I believe would assist the DWS to determine within which WMA. The projects are located within the Northern Cape Province and a small section of the grid corridor falls within the Western Cape Province.

Please do not hesitate to contact me should you require any additional information.

Kind regards,



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f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
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From: Fourie Lizna (ELS) <FourieL4@dws.gov.za>
Sent: Wednesday, 10 November 2021 17:35
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: Mpumela Ntombiyamayirha(PLZ) <MpumelaN@dws.gov.za>; Maneli Mzukisi (PLZ) <ManeliM@dws.gov.za>; Fiko Tabisa <FikoT@dws.gov.za>
Subject: RE: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Afternoon Nicolene

Please could you indicate which are the closest towns to the said properties mentioned in the BID?

We need to establish how many are within the Eastern Cape Water Management Area boundaries and which ones are for the Northern Cape. Co-ordinates will also assist

Thank you

Lizna Fourie

From: Savannah Environmental Public Process [<mailto:publicprocess@savannahsa.com>]

Sent: Wednesday, 10 November 2021 17:02

To: Fourie Lizna (ELS) <FourieL4@dws.gov.za>

Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE
NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

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Nicolene Venter
Public Process

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c: +27 (0) 60 978 8396

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Northern Cape Department of Agriculture,
Environmental Affairs, Rural Development and
Land Reform

Savannah Public Process

From: Savannah Public Process
Sent: Friday, 19 November 2021 06:55
To: Elsabe Swart
Cc: jacolinema@daff.gov.za; cfortune@agri.ncape.gov.za; peter.denc87@gmail.com; sdelafontaine@gmail.com; dvaheeden@ncpg.gov.za; aditeme@agri.ncape.gov.za; c.geldenhuis@hotmail.com; lwamodise@ncpg.gov.za; ZMogorosi@ncpg.gov.za; onyndzumo@gmail.com; aphete@ncpg.gov.za; nuys@ncpg.gov.za; pamnc@vodamail.co.za; BFisher@ncpg.gov.za; dmoleko@ncpg.gov.za; Romaya Dorasamy; Mmakoena Mmola; Tumelo Mathulwe
Subject: RE: GREAT KAROO RENEWABLE ENERGY CLUSTER: Invitation to Focus Group Meeting (DAEARD&LR)

Tracking:

Recipient

Delivery

Elsabe Swart

jacolinema@daff.gov.za
cfortune@agri.ncape.gov.za
peter.denc87@gmail.com
sdelafontaine@gmail.com
dvaheeden@ncpg.gov.za
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aphete@ncpg.gov.za
nuys@ncpg.gov.za
pamnc@vodamail.co.za
BFisher@ncpg.gov.za
dmoleko@ncpg.gov.za
Romaya Dorasamy
Mmakoena Mmola
Tumelo Mathulwe

Delivered: 2021/11/19 06:55

Delivered: 2021/11/19 06:55

Morning Elsabé,

Will Monday, 6th of December 2021 at 14h00 be suitable. It is a week before the end of the commenting period i.e. Monday, 13 December 2021.

Kind regards,



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f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
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From: Elsabe Swart <elsabe.dtec@gmail.com>

Sent: Friday, 19 November 2021 06:49

To: Savannah Public Process <publicprocess@savannahsa.com>

Cc: jacolinema@daff.gov.za; cfortune@agri.ncape.gov.za; peter.denc87@gmail.com; sdelafontaine@gmail.com; dvaheeden@ncpg.gov.za; aditeme@agri.ncape.gov.za; c.geldenhuis@hotmail.com; lwamodise@ncpg.gov.za; ZMogorosi@ncpg.gov.za; onyndzumo@gmail.com; aphete@ncpg.gov.za; nuys@ncpg.gov.za; pamnc@vodamail.co.za; BFisher@ncpg.gov.za; dmoleko@ncpg.gov.za; Romaya Dorasamy <romaya@greatkaroo.energy>; Mmakoena Mmola <Mmakoena@savannahsa.com>; Tumelo Mathulwe <tumelo@savannahsa.com>

Subject: Re: GREAT KAROO RENEWABLE ENERGY CLUSTER: Invitation to Focus Group Meeting (DAEARD&LR)

Morning Nicolene,

The 6th or 7th of December seems to be possible date options for us.

Enjoy your weekend

On Thu, Nov 18, 2021 at 10:24 PM Savannah Public Process <publicprocess@savannahsa.com> wrote:

Dear Elsabé,

Thank you for your response below.

To ensure that we do meet with you as the commenting authority on the proposed projects would you please indicate which of the following dates and times would be suitable to reschedule the meeting:

- Wednesday, 24 November 2021: Any time
- Friday, 26 November 2021: Any time
- Monday, 06 December 2021: Any time
- Tuesday, 07 December 2021: Any time

Kind regards,



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f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant

e: nicolene@savannahsa.com
c: +27 (0)60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

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From: Elsabe Swart <elsabe.dtec@gmail.com>
Sent: Thursday, 18 November 2021 19:27
To: Nicolene Venter <nicolene@savannahsa.com>
Cc: jacolinema@daff.gov.za; cfortune@agri.ncape.gov.za; peter.denc87@gmail.com; sdelafontaine@gmail.com; dvaheeden@ncpg.gov.za; aditeme@agri.ncape.gov.za; c.geldenhuis@hotmail.com; lwamodise@ncpg.gov.za; ZMogorosi@ncpg.gov.za; onyndzumo@gmail.com; aphete@ncpg.gov.za; nuys@ncpg.gov.za; pamnc@vodamail.co.za; BFisher@ncpg.gov.za; dmoleko@ncpg.gov.za; Tumelo Mathulwe <tumelo@savannahsa.com>; Mmakoena Mmola <Mmakoena@savannahsa.com>; Savannah Public Process <publicprocess@savannahsa.com>; Nondumiso Bulunga <Nondumiso@savannahsa.com>
Subject: Re: GREAT KAROO RENEWABLE ENERGY CLUSTER: Invitation to Focus Group Meeting (DAEARD&LR)

Dear Nicolene,

Thank you for the invitation, but due to other prior commitments on the same day, Samantha de la Fontaine, Peter Cloete, Natalie Uys, Conrad Geldenhuis and myself will not be able to attend on 23 Nov 2021.

Please keep us updated and inform us if the date is moved for this meeting.

Kind regards

Elsabe

On Tue, Nov 16, 2021 at 5:00 PM Nicolene Venter <nicolene@savannahsa.com> wrote:

Dear Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform Officials,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation, located within the Western Cape Province.

Savannah Environmental has been appointed as the independent environmental assessment practitioner to manage the application for Environmental Authorisation (EA) and undertaking the Environmental Impact Assessment (IEIA) Process required to identify and assess potential environmental impacts associated with the project, as well as propose appropriate mitigation and management measures to be contained within the Environmental Management Programme (EMPr).

We would like to take this opportunity to invite you to the Focus Group Meeting (FGM) taking place on **Tuesday, 23 November 2021** at **09h00** via **MS Teams**.

The purpose of the FGM is to present the following to you as Stakeholders:

- brief background to the proposed projects;
- an overview of the EIA process followed for the scoping phase;
- a summary of the key environmental findings as documented in the Scoping Report;
- an opportunity to seek clarity and raise comments and/or concerns; and
- to record comments raised at the FGM.

Should you not be able to attend the FGM, you are most welcome to forward this invitation to your colleague to attend the FGM on your behalf.

Just a friendly reminder that the Scoping Report in support of the Applications for the EA have been compiled and is available for your review and comment. Visit our website on <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/> - the release code for all the Reports is VtUvOs4x

The review and comment period for the Scoping Reports commenced on **Friday, 12 November 2021** and is ending on **Monday, 13 December 2021**.

You are kindly requested to submit any questions that you would want the project team to respond to at the FGM to us prior to the meeting.

Please do not hesitate to contact us should you require any additional information.

Kind regards,



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--

Regards

Elsabe

E SWART
SCIENTIFIC MANAGER GR B: ENVIRONMENTAL RESEARCH AND DEVELOPMENT

Pr.Sci.Nat.

Department of Agriculture, Environmental Affairs, Rural Development and Land Reform

Private Bag X6102
Kimberley
8300
Tel. 053 - 807 7300
Mobile 082 4582954
elsabe.dtec@gmail.com

--

Regards
Elsabe

E SWART
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Pr.Sci.Nat.

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Kimberley
8300
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Mobile 082 4582954
elsabe.dtec@gmail.com

South African Civil Aviation Authority

Nicolene Venter

From: Nicolene Venter
Sent: Tuesday, 23 November 2021 12:52
To: Lizell Stroh
Subject: RE: GREAT KAROO RENEWABLE ENERGY CLUSTER: Invitation to Key Stakeholder Workshop

Dear Lizell,

Thank you, I will add a formal apology on your behalf in the workshop notes.

And yes, your colleague joined and added value to the workshop.

Kind regards,

Nicolene Venter

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
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[SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015](#)

From: Lizell Stroh <Strohl@caa.co.za>
Sent: Tuesday, 23 November 2021 11:39
To: Nicolene Venter <nicolene@savannahsa.com>
Subject: RE: GREAT KAROO RENEWABLE ENERGY CLUSTER: Invitation to Key Stakeholder Workshop

Good day Nicolene, hope this e-mail finds you well, I would not attend the meeting but some of SACAA inspectors would attend.

Kind regards



Lizell Stroh
Obstacle Inspector
PANS-OPS Section
Air Navigation Services Department
Tel: +27 11 545 1232 | **Mobile:** +27 083 461 6660
Email: Strohl@caa.co.za | www.caa.co.za

Foll us on    



“We spend most of our waking lives at work, so it's important that we do what we love and love what we do.”

Richard Branson

-----Original Appointment-----

From: Nicolene Venter <nicolene@savannahsa.com>

Sent: Tuesday, 16 November 2021 11:12

To: Nicolene Venter; Savannah Public Process; Mmakoena Mmola; Tamryn Lee Goddard

Cc: Nondumiso Bulunga

Subject: GREAT KAROO RENEWABLE ENERGY CLUSTER: Invitation to Key Stakeholder Workshop

When: Tuesday, 23 November 2021 11:00-12:30 (UTC+02:00) Harare, Pretoria.

Where: Microsoft Teams Meeting

Importance: High

Dear Key Stakeholders,

Just a friendly reminder of the Key Stakeholder Workshop taking place tomorrow, Tuesday, 23 November 2021 at 11h00 (we had move the meeting 30min earlier to end before lunch time).

Thank you to those Key Stakeholders who already RSVP and we urged those who had not yet done so to please at your earliest convenience.

The team is looking forward to a fruitful meeting.

Kind regards,

Nicolene Venter

Dear Key Stakeholders,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation, located within the Western Cape Province.

Savannah Environmental has been appointed as the independent environmental assessment practitioner to manage the application for Environmental Authorisation (EA) and undertaking the Environmental Impact Assessment (IEIA) Process required to identify and assess potential environmental impacts associated with the project, as well as propose appropriate mitigation and management measures to be contained within the Environmental Management Programme (EMPr).

We would like to take this opportunity to invite you to the Key Stakeholder Workshop (KWS) taking place on **Tuesday, 23 November 2021** at **11h30** via **MS Teams**. By attending the KSW it would provide you with the opportunity to hear other key stakeholders comments, contributions and viewpoints regarding the applications.

The purpose of the KSW is to present the following to you as Key Stakeholders:

- brief background to the proposed projects;
- an overview of the EIA processes followed for the scoping phase;
- a summary of the key environmental findings as documented in the Scoping Reports;
- an opportunity to seek clarity and raise comments and/or concerns; and
- to record comments raised at the KSW.

Should you not be able to attend the KSW, you are most welcome to forward this invitation to your colleague to attend the KSW on your behalf.

Just a friendly reminder that the Scoping Reports in support of the Applications for the EAs have been compiled and are available for your review and comment. Visit our website on <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/> - the release code for all the Reports is VtUvOs4x

The review and comment period for the Scoping Reports commenced on **Friday, 12 November 2021** and is ending on **Monday, 13 December 2021**.

You are kindly requested to submit any questions that you would want the project team to respond to at the KSW to us prior to the meeting.

Please do not hesitate to contact us should you require any additional information.

Kind regards,



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Nicolene Venter

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SANRAL

Savannah Public Process

From: Savannah Public Process
Sent: Friday, 19 November 2021 01:01
To: Chumisa Tsolekile-Njingana (SR)
Subject: RE: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Contact details of Western Region commenting official

Dear Chumisa,

Thank you for your e-mail and the information provided below.

We can concern that Nicole Abrahams received the notification that the Scoping Reports are available for review and comment.

Kind regards,



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Nicolene Venter

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From: Chumisa Tsolekile-Njingana (SR) <NjinganaC@nra.co.za>
Sent: Tuesday, 16 November 2021 06:09
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Contact details of Western Region commenting official
Importance: High

Good day Nicolene

Hope all is well.

I am only in-charge for project in the Eastern Cape. Any Eastern Cape project, you send it to me.

The projects in the Western Cape and Northern Cape is not me, but Nicole Abrahams (abrahamsn@nra.co.za) our Western Region office.

Have a blessed day.

Keep safe and kind regards
Chumisa

Chumisa Tsolekile-Njingana (SR)
ENGINEERING

20 Shoreward Drive, Baywest, Port Elizabeth, Eastern Cape, 6025, South Africa
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njinganac@nra.co.za | www.sanral.co.za
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From: Savannah Public Process <publicprocess@savannahsa.com>

Sent: Sunday, 14 November 2021 19:20

To: Chumisa Tsolekile-Njingana (SR) <NjinganaC@nra.co.za>; Zingisa Tshali (WR) <TshaliZ@nra.co.za>

Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Contact details of Western Region commenting official

Dear Chumisa,

Thank you for the information provided below.

Please confirm whether we need to remove you from the project database.

@Zingisa Tshali (WR) – we are looking forward to receive the relevant commenting official from SANRAL's Western Region.

Kind regards,



Nicolene Venter
Public Participation and Social
Consultant

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From: Chumisa Tsolekile-Njingana (SR) <NjinganaC@nra.co.za>

Sent: Thursday, 11 November 2021 10:24

To: Zingisa Tshali (WR) <TshaliZ@nra.co.za>; Savannah Public Process <publicprocess@savannahsa.com>

Subject: FW: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Importance: High

Good day Zingi and Nicolene

Hope all is well.

Zingi, can you please forward this to the relevant person in your region that deals with energy facilities.

Nicolene, this proposed project is in the Northern Cape and the Western Cape and the SANRAL Western Region has jurisdiction and not southern.

Have a blessed day.

Keep safe and kind regards

Chumisa

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Chumisa Tsolekile-Njingana (SR)
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From: Savannah Environmental Public Process <publicprocess@savannahsa.com>

Sent: Wednesday, 10 November 2021 17:01

To: Chumisa Tsolekile-Njingana (SR) <NjinganaC@nra.co.za>

Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

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Nicolene Venter
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Ubuntu Local Municipality

Nicolene Venter

From: Savannah Public Process
Sent: Friday, 03 December 2021 13:21
To: robertsoncollin70@gmail.com; evelinefatyelwa@gmail.com; wilnatolken@gmail.com
Cc: Nondumiso Bulunga; Tumelo Mathulwe; Nicolene Venter
Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Focus Group Meeting presentation
Attachments: SE3125-Great Karoo FGM Ubuntu LM Presentation FINAL.pdf

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

(DFFE Reference Nos.:

Angora Wind

Farm: 14/12/16/3/3/2/2113

Merino Wind

Farm: 14/12/16/3/3/2/2114

Nku Solar

PV: 14/12/16/3/3/2/2115

Moriri Solar

PV: 14/12/16/3/3/2/2116

Kwana Solar

PV: 14/12/16/3/3/2/2118

Dear Councilors,

Thank you for your attendance at this morning's Focus Group Meeting.

As promised, attached the presentation.

As discussed, you are most welcome to share the presentation with any other interested and/or affected party you believe should be informed of the Environmental Impact Assessments for these proposed projects.

Kind regards,



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Nicolene Venter

From: Public Process <publicprocess@savannahsa.com>
Sent: Wednesday, 24 November 2021 02:55
To: Eben Anthonissen; Zamikhaya Magogotya; Seoka Lekota; Zwelithini Vilakazi; Babalwa Mboho; Puseletso Mofokeng; Lizelle Stroh; Bernard Petlane; Willem Symington
Cc: Nondumiso Bulunga; Nicolene Venter; Tumelo Mathulwe; Nicolene Venter
Subject: SE3125: Great Karoo Cluster Renewable Energy Facilities: Key Stakeholders Workshop - Meeting Notes
Attachments: SE3125-Great Karoo KSW Presentation FINAL.pdf

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)

Dear Key Stakeholders,

As promised at yesterday's Key Stakeholder Workshop, please find herewith the presentation material.

Kind regards,



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Correspondence

Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES & GRID CONNECTION: Notification of EIA, BA and Public Participation Processes

**PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DEFF Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation, located within the Western Cape Province.

Each renewable energy facility will be constructed as a separate stand-alone project and therefore, separate Scoping and Environmental Impact Assessment (EIA) processes will be undertaken for each of the renewable energy facilities. Similarly, the grid connection solution will be subjected to a separate Basic Assessment (BA) process which will consider feasible alternatives for the power line corridors. A combined six (6) applications for Environmental Authorisation (EA) are currently being pursued as follows:

Two (2) wind farm EAs:

- o Angora Wind Energy Facility
- o Merino Wind Energy Facility

Three (3) solar PV facility EAs:

- o Nku Solar PV Facility
- o Moiriro Solar PV Facility
- o Kwana Solar PV Facility

One (1) Electrical Grid Infrastructure (EGI)

- o A central collector 132kV substation and double circuit 132kV power line EA.

Please find attached the Background Information Document (BID) which provides additional information regarding the applications for the Great Karoo Cluster of Renewable Energy Facilities and Grid connection. The BID is also available on our website:

- Wind Energy Facility & Solar PV Facilities: [click here](#)
- EGI: [click here](#)

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects. Our team welcomes your participation and look forward to your involvement throughout the EIA and BA Processes.

Kind regards,

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Nicolene Venter

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Monday, 06 December 2021 13:53
To: Pieter Ackerman
Cc: Nicolene Venter
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports
Attachments: SE3125-Great_Karoo_PVWEF_Cluster_SR-FINAL.pdf
Follow Up Flag: Follow up
Flag Status: Completed

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

DFFE Reference Numbers

Angora Wind Farm: 14/12/16/3/3/2/2113
Merino Wind Farm: 14/12/16/3/3/2/2114
Nku Solar PV: 14/12/16/3/3/2/2115
Moriri Solar PV: 14/12/16/3/3/2/2116
Kwana Solar PV: 14/12/16/3/3/2/2118

Dear Stakeholder and Interested & Affected Party,

With reference to the attached notification letter sent on Friday, 12 November 2021, this e-mail serves to inform you that the review and comment period for the Scoping Reports are ending on **Monday, 13 December 2021**.

As you may recall, the review and comment period for the Scoping Reports commenced on Friday, 12 November 2021.

The Scoping Reports are available on our website [click here](#)

Thank you to those Stakeholders and Interested and Affected Parties who submitted their written comments and those who had not yet to please do so before on **Monday, 13 December 2021**.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

[SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015](#)

APPENDIX C6
STAKEHOLDER CORRESPONDENCE

Nicolene Venter

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Friday, 13 May 2022 14:52
To: A Phete
Cc: Nicolene Venter
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of EIAs & BA Report for review & comment and Invitation to Information Session
Attachments: SE3125-Great_Karoo_EIAs&BAR_Notification-FINAL.pdf; SE3125-Great_Karoo_InfoSession_RegForm-FINAL.pdf

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

(DFFE Reference Nos.:

- Merino WEF: 14/12/16/3/3/1/2114
- Kwana PV: 14/12/16/3/3/2/2118
- Moiri PV: 14/12/16/3/3/2/2116
- Nku PV: 14/12/16/3/3/1/2115
- Grid Connection Infrastructure (To be issued)

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Environmental Impact Assessment Reports (EIAs) and the Basic Assessment (BA) Report for your review and comments. The EIAs are available for downloading from our website [click here](#) and the BA Report is available on our website [click here](#).

INVITATION TO THE INFORMATION SESSION:

The attached letter also serves to invite you to attend the Information Session to be held on Thursday, 26 May 2022 at 17h00 at the Richmond Town Hall. Please complete the attached Registration Form to confirm your attendance.

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the EIA and BA Processes.

Kind regards,

[Unsubscribe this type of email](#)



Nicolene Venter
Public Process

t: 011 656 3237
f: 086 684 0547

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

13 May 2021

Dear Stakeholder and Interested and Affected Party,

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE
NEAR RICHMOND, NORTHERN CAPE PROVINCE**

(DFFE Reference Nos.:

- **Merino WEF: 14/12/16/3/3/1/2114**
- **Kwana PV: 14/12/16/3/3/2/2118**
- **Moiri PV: 14/12/16/3/3/2/2116**
- **Nku PV: 14/12/16/3/3/1/2115**
- **Grid Connection Infrastructure (To be issued)**

**NOTIFICATION OF AVAILABILITY OF ENVIRONMENTAL IMPACT ASSESSMENT AND BASIC ASSESSMENT
REPORTS FOR REVIEW AND COMMENT**

The development of the three (3) 100MW solar photovoltaic (PV) energy facilities, the 140MW Merino Wind Energy Facility, 140MW Angora Wind Energy Facility and the Grid Connection Infrastructure for which separate Environmental Impact Assessment (EIA) processes and a combined Public Participation Process are being conducted, namely:

Solar PV Facilities	Wind Energy Facilities
Nku Solar PV Facility	Angora Wind Energy Facility
Moiri Solar PV Facility	Merino Wind Energy Facility
Kwana Solar PV Facility	
Grid Connection Infrastructure	
Central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation	

The detailed project information that was provided in the Background Information Document (BID) distributed on 21 October 2021, has reference.

ENVIRONMENTAL IMPACT ASSESSMENT AND BASIC ASSESSMENT REPORTS AVAILABLE FOR PUBLIC REVIEW AND COMMENT

The Environmental Impact Assessment Reports (EIARs) for each of the renewable energy facilities listed above are available for review and comment from **Friday, 13 May 2022** until **Monday, 13 June 2022**. The reports are available for download from the Savannah Environmental website <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>.

The Basic Assessment Report (BAR) for the Grid Connection Infrastructure is available for review and comment from **Friday, 20 May 2022** until **Monday, 20 June 2022**. The reports are available for download from the Savannah Environmental website <https://savannahsa.com/public-documents/grid-infrastructure/the-great-karoo-cluster-grid-connection-infrastructure/>.

Angora WEF: Please note that the availability of the Angora WEF EIA Report for a 30-day review and comment period will be communicated in due course.

Please note Regulation 3(1) of the Environmental Impact Assessment Regulations, 2014, as amended, i.e.:

Subject to subregulations (2) and (3), when a period of days must in terms of these Regulations be reckoned from or after a particular day, that period must be reckoned as from the start of the day following that particular day to the end of the last day of the period, but if the last day of the period falls on a Saturday, Sunday or public holiday, that period must be extended to the end of the next day which is not a Saturday, Sunday or public holiday.

Although the EIAs for the renewable energy facilities will be available during the course of the day on Friday, 13 May 2022, Saturday, 14 May 2022 would be the first day of your 30-day review and comment period. The due date for written comments is Monday, 13 June 2022. Similarly for Grid Connection Infrastructure BAR that will be available during the course of the day on Friday, 20 May 2022, Saturday, 21 May 2022 would be the first day of your 30-day review and comment period. The due date for written comments is Monday, 20 June 2022.

As per our approved public participation plan submitted to the Department of Forestry, Fisheries and the Environment (DFFE), you can also request that an electronic copy of the Scoping Reports be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the EIAs and BAR via one of the following means:

- Telephone: 011 656 3237
- Mobile: 060 978 8396 (including *please call me*)
- Fax: 086 684 0547
- E-mail: publicprocess@savannahsa.com

All comments should be addressed to Nicolene Venter at Savannah Environmental.

All comments received during the 30-day review and comment periods will be recorded and included in the Final EIAs and Final BAR for submission to the DFFE in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

INVITATION TO INFORMATION SESSION

You are invited to attend the Information Session which will take place at the Richmond Town Hall on **Thursday, 26 May 2022** starting with a poster display at **17h00**, after which those that are interested in attending the presentation can attend the presentation which will start at **17h30**. The Information Session will take place in compliance with the current COVID-19 protocols, and I&APs are therefore required to register their attendance before or on **Monday, 23 May 2022**. Please complete the attached registration form and return to Nicolene Venter or send a WhatsApp / SMS or e-mail to Nicolene (details above) to register your attendance.

We are looking forward to your participation in the public participation processes for these projects as your valuable contribution to the proposed projects will ensure an inclusive approach and allow the DFFE to make an informed decision.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards

A handwritten signature in black ink, appearing to read 'Nicolene Venter', written in a cursive style.

Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

Document included: Information Session Registration Form

ENVIRONMENTAL IMPACT ASSESSMENTS AND PUBLIC PARTICIPATION PROCESS

PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

(DFFE Ref. Nos.:

- Merino WEF: 14/12/16/3/3/1/2114
- Kwana PV: 14/12/16/3/3/2/2118
- Moiri PV: 14/12/16/3/3/2/2116
- Nku PV: 14/12/16/3/3/1/2115
- Grid Connection Infrastructure (To be issued)

**Information Session Registration Form
Thursday, 26 May 2022**

Return completed registration form to: **Nicolene Venter** of **Savannah Environmental**

Phone: 011 656 3237 / **Mobile (incl. 'please call me'):** 060 978 8396 / **Fax:** 086 684 0547

E-mail: publicprocess@savannahsa.com

Postal Address: PO Box 148, Sunninghill, 2157

Your registration for the Information Sessions will be applicable for these projects only and your contact details provided are protected by the POPI Act of 2013

Please provide your complete contact details:

Name	&		
Surname:			
Organisation:			
Designation:			
Postal Address:			
Telephone:		Fax:	
Mobile:			
E-mail:			

I would you like to register my attendance at the Information Session taking place on Thursday, 26 May 2022 as follows: (please tick the relevant box)

SESSION	TIME	YES	NO
Poster Session	17h00 until 17h30		
Presentation	17h30		

Please provide contact details of any other persons who you regard as a potential interested or affected party:

Name & Surname:	
Postal Address:	
Telephone:	
Mobile:	
E-mail:	

Thank you for your registration



Format: HTML

Normal Calibri Size (CTRL+S) B I U A [color] [background color] [bulleted list] [numbered list] [indent] [outdent] [link] [unlink] [insert link]

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

(DFFE Reference Nos.:

- Merino WEF: 14/12/16/3/3/1/2114
- Kwana PV: 14/12/16/3/3/2/2118
- Moiri PV: 14/12/16/3/3/2/2116
- Nku PV: 14/12/16/3/3/1/2115
- Grid Connection Infrastructure (To be issued)

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Environmental Impact Assessment Reports (EI Ars) and the Basic Assessment (BA) Report for your review and comments. The EI Ars are available for downloading from our website [click here](#) and the BA Report is available on our website [click here](#).

INVITATION TO THE INFORMATION SESSION:

The attached letter also serves to invite you to attend the Information Session to be held on Thursday, 26 May 2022 at 17h00 at the Richmond Town Hall. Please complete the attached Registration Form to confirm your attendance.

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Design

HTML

Preview

SAVE

CLOSE

[Print](#)

SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of EIAs & BA Report for review & comment and Invitation to Information Session (POE)

Date: Friday,
13 May 2022
Time: 14:50

Company	Last Name	First Name	
	Cafoor	Gafoor	
	Cafoor	Justin	
	Chambers	Joshua	
	Cilliers	Piet	
	Cronje	Jaco	
	De Vos	GA	
	De Vries	Andre	
	Els	Harry	
	Fakier	Faisal	
	Frans	Rhano	
	Haupt	Paul	
	Hugo	Danny	
	Martin	Paul	
	McKey	Kevin	
	Nomajama	Dyasi	
	Olivier	Leon	
	Pieterse	Johannes	
	Reynolds	Kobus	
	Rimbault	Linsey	
	Seymour	Alistair	
	Smith	Desmond	
	Springbok	Sammy-Lee	
	Van den Heever	JW	
	Van Heerden	Denver	
	Victor	Jan	
	Winter	Sarah	
4 Stone Buildings (Pty) Ltd	Levington	Mike	
ABO Wind renewable energies (Pty) Ltd	Malherbe	Du Toit	
AEP	Smith	Peter	
AEP Mogbe Soklar	Peinke	David	
African Clean Energy Development (ACED)	Kot	Stephnie	
African Farmers Association of South Africa	Mahlati	Vuyo	
Agri Northern Cape	Anthonissen	Eben	
Agri Northern Cape	De Wet	Hannes	
Agri Northern Cape	Jansen	Nicol	
Agri Northern Cape	Symington	Willem	
Agri Northern Cape	Van Rensburg	Wiaan	
AgriSA	Rabie	Janse	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	
Atlantic Energy Partners	Peinke	David	
Atlantic Renewable Energy Partners (Pty) Ltd	Hill	Amy	
Beaufort West Local Municipality	Haarhoss	Kosie	

Beaufort West Local Municipality	Nkungwana	M.G	
Beaufort West Local Municipality	Smit	Louw	
Beaufort West Local Municipality	Van Staden	R	
Beaufort West Local Municipality	Visser	Amanda	
Bellatrix Solar PV Project (Pty) Ltd	.	Kate	
BirdLife South Africa	Ralston-Paton	Samantha	
Blue Sky Solar (Pty) Ltd	.	Genevieve	
Blue Sky Solar (Pty) Ltd	.	James	
Brakpoort 75MW PV Solar Farm	McGillivrai	John	
Cell C	Joubert	Brian	
Cell C	Kasseepursad	Harish	
Cell C	Otto	Marius	
Central Karoo District Municipality	Brown	Barbara	
Central Karoo District Municipality	Goeieman	Levona	
Central Karoo District Municipality	Jonkers	J	
Central Karoo District Municipality	Jooste	S	
Central Karoo District Municipality	Koopman	Andre	
Central Karoo District Municipality	Nakani	Phumezo	
Central Karoo District Municipality	Nortje	Nicola	
Central Karoo District Municipality	Rust	Hein	
Central Karoo District Municipality	Theron	Kobus	
Central Karoo District Municipality	Twani	Thobeka	
Central Karoo District Municipality	van Tonder		
Central Karoo District Municipality	van Zyl	Gerrit	
Co-operative Governance & Traditional Affairs	Fatyelwa	Eveline	
Co-Operative Governance & Traditional Leaders	Diphofa	Mashwahle	
Department of Energy	Qase	Nomawethu	
Department of Forestry, Fisheries and the Environment	Buthelezi	Thoko	
Department of Forestry, Fisheries and the Environment	Khumalo	Thulie N	
Department of Forestry, Fisheries and the Environment	Lekota	Seoka	
Department of Forestry, Fisheries and the Environment	Marubini	Mashudu	
Department of Mineral Resources and Energy	Kika	Ntsikelelo	
Department of Mineral Resources and Energy	Mabaso	Sunday	
Department of Mineral Resources and Energy	Maphinda	Mthetheleli	
Department of Mineral Resources and Energy	Masipa	Pheladi	
Department of Mineral Resources and Energy	Mocumi	Precious	
Department of Mineral Resources and Energy	Mutheiwana	Kevin	
Department of Mineral Resources and Energy	Nieuwoudt	Jasper	
Department of Mineral Resources and Energy	Swart	Pieter	
Department of Rural Development and Land Reform	Du Toit	Mangalane	
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	
Department of Rural Development and Land Reform	Moeketsi	Kgotso	
Department of Rural Development and Land Reform	Ntloko-Gobodo	Nomfundo	
Department of Rural Development and Land Reform	Sehularo	Lorato	
Department of Science and Technology	Kgampe	Mere	
Department of Water and Sanitation	Cloete	Shaun	
Department of Water and Sanitation	Dweni	Ncmile	
Department of Water and Sanitation	Franks	Lindiwe	
Department of Water and Sanitation	Hlengani	Alexia	
Department of Water and Sanitation	Mahunonyane	Moses	
Department of Water and Sanitation	Mokhoantle	Lerato	
Department of Water and Sanitation	Shibambu	Steven	
Department of Water and Sanitation	Streuders	Kobus	
DNV-GL	Fyvie	Richard	
Drivequip (Pty) Ltd	Andrag	Louis	
Earthlife Africa	Lekalakala (Secretary)	Makoma	
EDF Renewables (South Africa)	Dewavrin	Louis	

Endangered Wildlife Trust	Hoogstad	Constant	
Eskom Holdings SOC Ltd	Geeringh	John	
Eskom Holdings SOC Ltd	Khanye	Nondwe	
Eskom Holdings SOC Ltd	van Gensen	Andrea	
Farm Grootaar	Erasmus (Jnr)	Casper	
Farm Grootaar	Van den Heever	Stephanus	
Federation for Sustainable Environment	Liefferink	Mariette	
Houdenbeck 222	van der Merwe	Pieter	
JFC General Service Provider	Christoffels	Johnny	
Mainstream Renewable South Africa (Pty) Ltd	Dean	David	
Mainstream WF&PV Victoria West	Thomas	Rebecca	
MTN	Grey	Ms S (Sherly)	
MTN	Nel	Renier	
National Energy Regulator of South Africa (NERSA)	Gxasheka	Andile	
National Energy Regulator of South Africa (NERSA)	Khumalo	Siphiwe	
NC - SA San Council	Louw	Collin	
NC Co-operative Governance, Human Settlements & Traditional Affairs	Botha	G	
NC Cooperative Governance, Human Settlements and Traditional Affairs	Botha	Gladys	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Cloete	Peter	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	De la Fontaine	Samantha	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Mothibi	Viljoen	
NC Dept of Forestry, Fisheries and the Environment (Provincial)	Mans	Jacoline	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource Authority)	Ratha	Timothy	
Ngwao-Boswa Ya Kapa Bokone (NCPHRA)	Timothy	Andrew	
Northern Cape Chamber of Commerce & Industry (NOCCI)	Steyn	Sharon	
Northern Cape Department of Agriculture	Modise	Lerato	
Northern Cape Department of Agriculture	Mogorosi	Zanele	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Diteme	Ali	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	
Northern Cape Department of Co-operative Governance	Phete	A	
Northern Cape Department of Environment and Nature Conservation	Ndzumo	Onwabile	
Northern Cape Department of Environment and Nature Conservation	Uys	Natalie	
Northern Cape Department of Environment and Nature Conservation	van Heerden	Denver	
Northern Cape Department of Roads & Public Works	Roelofse	Jaco	
Northern Cape Department of Roads & Public Works	Sithole	Menelisi	
Northern Cape Department of Roads and Public Works	Nogwili	Kholikile	
Northern Cape Department of Roads and Public Works	Palm	Ruth	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Swart	Elsabe	
Northern Cape Economic Development Agency	Mbobo	Babalwa	
Northern Cape Tourism	McKuchane	Peter	
openServe (on behalf of Telkom SA Ltd)	Groenewald	Vivian	
Pixley Ka Seme District Municipality	Bosch	Beatrice	
Pixley Ka Seme District Municipality	Jaggers	Rachel	
Pixley Ka Seme District Municipality	Moloi	Napo	
Pixley Ka Seme District Municipality	Pieterse	Rodney	
Pixley Ka Seme District Municipality	Present	Passie	
Pixley Ka Seme District Municipality	Sibeko	Asanda	
Ratelfontein Private Nature Reserve	Pickard	Jan	
Red Cap Energy	Jones	Kirsten	
Richmond Chamber of Commerce	Rundle	Len	
SAHRA	Higgitt	Natasha	
SANRAL	Abrahams	Nicole	
Savannah Environmental (Pty) Ltd	Bulunga	Nondumiso	
Sentech Ltd	Motlhake	Serame	

Sirius Power (Pty) Ltd	David	Nunez	
SOLA Group	Maroga	Reuben	
South African Astronomical Observatory	Williams	Ted	
South African Bat Assessment Advisory Panel (SABAAP)	MacEwan	Kate	
South African Bat Assessment Association	Lotter	Caroline	
South African Chamber of Commerce and Industry	Mukoki	Alan	
South African Chamber of Commerce and Industry	Wadi	Albert	
South African Civil Aviation Authority	Stroh	Lizelle	
South African Civil Aviation Authority	Vilakazi	Zwelithini	
South African Civilian Aviation Authority	Jakavula	Zukisani	
South African Department of Defence	Zondi	Lt. Col. Kebasenos	
South African Local Government Association (SALGA)	George	Xolile	
South African National Parks	Novellie	Peter	
South African National Parks (SANP)	Daphne	Paul	
South African Radio Astronomy Observatory (SARAO)	Matlhane	Selaelo	
South African Radio Astronomy Observatory (SARAO)	Monama	Tshegofatso	
South African Radio Astronomy Observatory (SARAO)	Nape	Thato	
South African Radio Astronomy Observatory (SARAO)	Sithole	Busang	
South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	
South African Weather Services	Jardine	Rydall	
South African Weather Services	Magogotya	Zamikhaya	
South African Weather Services	Mofokeng	Puseletso	
South African Weather Services	Ngoepe	Webster	
South African Weather Services	Petlane	Bernard	
South African Wind Energy Association (SAWEA)	van den Berg	Johan	
Subsolar Energy (Pty) Ltd	Fasasie	Stephanie	
Telkom SA SOC Ltd	Bester	Amanda	
Telkom SA SOC Ltd	Shaw	Leonard	
The Green Connection	Allie	Sakeena	
The Green Connection	Arkert	Jan	
The Green Connection	Arkert	Linda	
The Green Connection	Hamilton	Gillian	
The Green Connection	Modise	Ketshepaone	
The Green Connection	Van Rooy	Neville	
Transnet Freight Rail	Maharaj	Verishnee	
Transnet SOC Ltd	Kilian	Geraldine	
Transnet SOC Ltd	Mathebula	Futhi	
Transnet SOC Ltd	Njonga	Andiswa	
Ubuntu Local Municipality	Arends	K.J.	
Ubuntu Local Municipality	Fillis	Martin	
Ubuntu Local Municipality	Jacobs	Hendri	
Ubuntu Local Municipality	Jacobs	Romano	
Ubuntu Local Municipality	Jantjies	Paula	
Ubuntu Local Municipality	Jasson	Bongani	
Ubuntu Local Municipality	Kivedo	M	
Ubuntu Local Municipality	Lefleur	Elizabeth	
Ubuntu Local Municipality	Maphosa	Debere	
Ubuntu Local Municipality	Moses	Rashilda	
Ubuntu Local Municipality	Nkontwana	Miriam	
Ubuntu Local Municipality	Piquer	Jill	
Ubuntu Local Municipality	Robertson	Collin	
Ubuntu Local Municipality	Scholtz	H.E.	
Ubuntu Local Municipality	Tolken	Johan	
Ubuntu Local Municipality	Tsoarelo	Israel	
Ubuntu Local Municipality	van Standen	Bonita	
Ubuntu Local Municipality	Vorster	Erica	
Ubuntu Youth Forum Foundation	Jantjies	D	
Ubuntu Youth Forum Foundation	Kweleta	Eric	

Vodacom	Adraanse	Junior	
Vodacom	Barnard	Hennie	
Vodacom	Fourie	Nico	
WESSA Northern Cape Region	Erasmus	Suzanne	
Wildlife and Environment Society of South Africa (WESSA)	Wesson	John	
Windlab Developments South Africa	Harding	Joseph	
Windlab Developments South Africa (Pty) Ltd	Jackson	Francis	
WKN Windcurrent SA (Pty) Ltd	Abrahams	Zakiya	

Totals:

SCOPING PHASE

Notification of initiation of EIA & Public Participation
Process

21 October 2021

Dear Stakeholder and Interested and Affected Party,

**PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND
GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DEFF Reference Nos.: To be Issued)**

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESSES

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation, located within the Western Cape Province.

Each renewable energy facility will be constructed as a separate stand-alone project and therefore, separate Scoping and Environmental Impact Assessment (EIA) processes will be undertaken for each of the renewable energy facilities. Similarly, the grid connection solution will be subjected to a separate Basic Assessment (BA) process which will consider feasible alternatives for the power line corridors. A combined six (6) applications for Environmental Authorisation (EA) are currently being pursued as follows:

- » Two (2) wind farm EAs:
 - o Angora Wind Energy Facility
 - o Merino Wind Energy Facility
- » Three (3) solar PV facility EAs:
 - o Nku Solar PV Facility
 - o Moiro Solar PV Facility
 - o Kwana Solar PV Facility
- » One (1) Electrical Grid Infrastructure (EGI)
 - o A central collector 132kV substation and double circuit 132kV power line EA.

Additional technical information regarding these renewable energy facilities is available in the Background Information Document attached to this notification letter.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

In accordance with the Environmental Impact Assessment (EIA) Regulations, 2014 (as amended) published in terms of Section 24(5) of the National Environmental Management Act (No. 107 of 1998) (NEMA), the applicants require Environmental Authorisation (EA) from the National Department of Environment, Forestry and Fisheries (DFFE) in consultation with the Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform (DAEARD&LR) and the Western Cape Department of Environmental Affairs and Development Planning (DEA&DP) for the development of the proposed projects. In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended) and Listing Notices (GNR 327, GNR 325, and GNR 324), the five (5) applications for EA for the renewable energy facilities are subject to the completion of Scoping/EIA processes, and that for the EGI is subject to the completion of a BA process. Each application is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014 (as amended).

The proponent has appointed Savannah Environmental, as the independent environmental consultant to undertake the EIA processes for the projects to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programmes (EMPrs).

Due to the proximity of the renewable energy facilities and their associated grid connection solution to one another, the public participation processes for the projects will be undertaken concurrently, providing the public with an opportunity to understand and provide comment on all the projects. The Public Participation Plan submitted to the DFFE and this approach was approved by the DFFE on 15 September 2021. As part of the environmental studies, Interested and Affected Parties (I&APs) will be actively involved through the public involvement process being undertaken by Savannah Environmental.

You and/or the organization/company, which you represent, have been identified as a stakeholder for the proposed projects as described above. The nature and extent of the solar PV, wind energy facilities, the EGI and associated infrastructure are explored in more detail in the BID which is attached to this letter and is also available for download from the Savannah Environmental website <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>.

PUBLIC INVOLVEMENT PROCESS

The public participation (PP) process will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs;
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the EIA process.

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement and gathering of people to curb the spread of the

COVID-19 virus has placed some limitations on how public consultation can be conducted as part of an EIA processes. The consultation process for these projects has been designed considering these limitations, and the implementation is in line with our public participation plan, as approved by the DFFE. Savannah Environmental have established an online stakeholder engagement platform, where you are invited to register your interest in the project/s, and view project documentation. Please visit our website: <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>.

Where I&APs do not have the applicable facilities or access to internet, alternative means for consultation and to facilitate comment on the projects will be made, including consulting with the Ward Councillor, the ward committee members, community representatives and local community forum members.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards



Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

Attached: Background Information Document
Registration and Comment Form

PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DEFF Reference Nos.: To be Issued)

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation, located within the Western Cape Province.

Each renewable energy facility will be constructed as a separate stand-alone project and therefore, separate Scoping and Environmental Impact Assessment (EIA) processes will be undertaken for each of the renewable energy facilities. Similarly, the grid connection solution will be subjected to a separate Basic Assessment (BA) process which will consider feasible alternatives for the power line corridors. A combined six (6) applications for Environmental Authorisation (EA) are currently being pursued as follows:

Two (2) wind farm EAs:

- o Angora Wind Energy Facility
- o Merino Wind Energy Facility

Three (3) solar PV facility EAs:

- o Nku Solar PV Facility
- o Moiriro Solar PV Facility

SAVE

CLOSE

[Print](#)

SE3125: Great Karoo Renewable Cluster - BID distribution (POE)

Date:
Thursday, 21
October 2021
Time: 08:20

Company	Last Name	First Name	Email Address	Email Address 2
	Nunez	David	david.nunez@siriuspower.co.za	
	Pichard	Jan	info@ratelfontein.com	
	Reynolds	Kobus	r2r@vodamail.co.za	
	Rimbault	Linsey	rimbault@wkn-windcurrent.com	
	Van den Heever	JW	Grootaarcc@gmail.com	
African Farmers Association of South Africa	Mahlati	Vuyo	info@afasa.org.za	
Agri Northern Cape	Jansen	Nicol	henning@agrink.co.za	
Agri SA	Rabie	Janse	janse@agrisa.co.za	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	simphiwem@atns.co.za	
Beaufort West Local Municipality	Haarhoss	Kosie	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Nkungwana	M.G	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Smit	Louw	louw@beaufortwestmun.co.za	
Beaufort West Local Municipality	Van Staden	R	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Visser	Amanda	admin@beaufortwestmun.co.za	
Bellatrix Solar PV Project (Pty) Ltd	.	Kate	kate@solagroup.co.za	info@solagroup.co.za
BirdLife South Africa	Ralston-Paton	Samantha	energy@birdlife.org.za	
Blue Sky Solar (Pty) Ltd	.	Genevieve	gen@blueskysolar.co.za	
Blue Sky Solar (Pty) Ltd	.	James	james@blueskysolar.co.za	
Brakpoort 75MW PV Solar Farm	McGillivrai	John	john@africoastenergy.co.za	
Cell C	Joubert	Brian	BJoubert@cellc.co.za	
Cell C	Kasseepursad	Harish	hkasseeepursad@cellc.co.za	
Cell C	Otto	Marius	marius.otto@cellc.co.za	
Central Karoo District Municipality	Brown	Barbara	barbara@skdm.co.za	manager@skdm.co.za
Central Karoo District	Goeieman	Levona	levona@skdm.co.za	

Municipality				
Central Karoo District Municipality	Jonkers	J	jjonkers@skdm.co.za	
Central Karoo District Municipality	Jooste	S	manager@skdm.co.za	
Central Karoo District Municipality	Koopman	Andre	andre@skdm.co.za	
Central Karoo District Municipality	Nakani	Phumezo	manager@skdm.co.za	
Central Karoo District Municipality	Nortje	Nicola	nicola@skdm.co.za	
Central Karoo District Municipality	Rust	Hein	heinjrust@gmail.com	
Central Karoo District Municipality	Theron	Kobus	kobus@skdm.co.za	
Central Karoo District Municipality	Twani	Thobeka	manager@skdm.co.za	
Central Karoo District Municipality	van Tonder		manager@skdm.co.za	
Central Karoo District Municipality	van Zyl	Gerrit	gerrit@skdm.co.za	
Co-Operative Governance & Traditional Leaders	Diphofa	Mashwahle	info@cogta.gov.za	
Department of Agriculture, Forestry and Fisheries	Buthlezi	Thoko	thokob@daff.gov.za	ThokoB@nda.agric.za
Department of Agriculture, Forestry and Fisheries	Marubini	Mashudu	mashuduma@daff.gov.za	
Department of Energy	Masipa	Pheladi	Pheladi.Masipa@energy.gov.za	
Department of Environment and Nature Conservation: Northern Cape	De la Fontaine	Samantha	sdelafontaine@gmail.com	
Department of Forestry, Fisheries and the Environment	Lekota	Seoka	BCAdmin@environment.gov.za	slekota@environment.gov.za
Department of Forestry, Fisheries and the Environment	Mans	Jacoline	jmans@environment.gov.za	jacolinema@daff.gov.za
Department of Mineral Resources	Nieuwoudt	Jasper	jasper.nieuwoudt@dmr.gov.za	
Department of Mineral Resources	Swart	Pieter	Pieter.Swart@dmr.gov.za	lpeleng.Wesi@dmr.gov.za
Department of Rural	Du Toit	Mangalane	Mangalane.DuToit@drdlr.gov.za	

Development and Land Reform				
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	Nozizwe.Makgalemele@drdlr.gov.za	
Department of Rural Development and Land Reform	Moeketsi	Kgotso	kgotso.moeketsi@drdlr.gov.za	
Department of Rural Development and Land Reform	Ntloko-Gobodo	Nomfundo	nomfundo.ntloko-gobodo@drdlr.gov.za	
Department of Rural Development and Land Reform	Sehularo	Lorato	LSehularo@ruraldevelopment.gov.za	
Department of Science and Technology	Kgampe	Mere	mere.kgampe@dst.gov.za	
Department of Water and Sanitation	Ackerman	Pieter	AckermanP@dws.gov.za	
Department of Water and Sanitation	Franks	Lindiwe	FranksL@dws.gov.za	
Department of Water and Sanitation	Hlengani	Alexia	HlenganiA@dws.gov.za	
Department of Water and Sanitation	Streuders	Kobus	FranksL@dws.gov.za	
Earthlife Africa	Lekalakala (Secretary)	Makoma	makoma@earthlife.org.za	makoma@earthlife.org.za
Endangered Wildlife Trust	Hoogstad	Constant	eia@ewt.org.za	
Eskom Holdings SOC Ltd	Geeringh	John	john.geeringh@eskom.co.za	GeerinJH@eskom.co.za
Eskom Holdings SOC Ltd	Khanye	Nondwe	khanyen@eskom.co.za	
Eskom Holdings SOC Ltd	van Gensen	Andrea	vgenseal@eskom.co.za	
Farm Grootaar	Van den Heever	Stephanus	Grootaarcc@gmail.com	
Federation for Sustainable Environment	Liefferink	Mariette	marietteL@iburst.co.za	
Mainstream WF&PV Victoria West	Thomas	Rebecca	Rebecca.Thomas@mainstreamrp.com	
MTN	Grey	Ms S (Sherly)	gry_s@mtn.co.za	
National Energy Regulator of South Africa (NERSA)	Gxasheka	Andile	andile.gxasheka@nersa.org.za	Andile.Gxasheka@nersa.org.za
National Energy Regulator of	Khumalo	Siphiwe	siphiwe.khumalo@nersa.org.za	

South Africa (NERSA)				
NC - SA San Council	Louw	Collin	wclouw@yahoo.co.uk	
NC Co-operative Governance, Human Settlements & Traditional Affairs	Botha	G	jpetersen@ncpg.gov.za	
NC Department of Agriculture, forestry and fisheries	Mans	Jacoline	jacolinema@daff.gov.za	
NC Department of Agriculture, forestry and fisheries	Mothibi	Viljoen	tperkins@grand.ncape.gov.za	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Cloete	Peter	peter.denc87@gmail.com	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource Authority)	Ratha	Timothy	ratha.timothy@gmail.com	timothy@nbkb.org.za
Ngwao-Boswa Ya Kapa Bokone (NCPHRA)	Timothy	Andrew	ratha.timothy@gmail.com	
Northern Cape Chamber of Commerce & Industry (NOCCI)	Steyn	Sharon	sharon@nocci.co.za	
Northern Cape Department of Agriculture	Modise	Lerato	lwamodise@ncpg.gov.za	
Northern Cape Department of Agriculture	Mogorosi	Zanele	ZMogorosi@ncpg.gov.za	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	cfortune@agri.ncape.gov.za	
Northern Cape Department of Co-operative Governance	Phete	A	aphete@ncpg.gov.za	
Northern Cape Department of Environment & Nature Conservation	Geldenhuis	Conrad	c.geldenhuis@hotmail.com	
Northern	Phete	A	aphete@ncpg.gov.za	

Cape Department of Environment & Nature Conservation				
Northern Cape Department of Roads & Public Works	Roelofse	Jaco	roelofse.j@vodamail.co.za	
Northern Cape Department of Roads and Public Works	Palm	Ruth	klawrence@trpw.ncape.gov.za	klawrence@ncape.gov.za
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald	pamnc@vodamail.co.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	BFisher@ncpg.gov.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	dmoleko@ncpg.gov.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Swart	Elsabe	elsabe.dtec@gmail.com	
Northern Cape Economic Development Agency	Mbobo	Babalwa	mbobobc@gmail.com	
Northern Cape Tourism	McKuchane	Peter	peter.ncta@telkomsa.net	marketing@experiencenortherncape.com
Pixley Ka Seme District Municipality	Bosch	Beatrice	btbosch@pkisd.gov.za	
Pixley Ka Seme District Municipality	Present	Passie	mm@pkisd.gov.za	
Pixley Ka Seme District Municipality	Sibeko	Asanda	asibeko@pkisd.gov.za	
Ratelfontein Private Nature Reserve	Pichardt	Jan	info@ratelfontein.com	
Red Cap Energy	Jones	Kirsten	kirsten@red-cap.co.za	
SANRAL	Abrahams	Nicole	Abrahamsn@nra.co.za	
Savannah Environmental (Pty) Ltd	Bulunga	Nondumiso	nondumiso@savannahsa.com	
Sentech Ltd	Motlhake	Serame	MotlhakeS@sentech.co.za	
South African Astronomical Observatory	Williams	Ted	director@sao.ac.za	
South African	MacEwan	Kate	kate@iws-sa.co.za	

Bat Assessment Advisory Panel (SABAAP)				
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South African Chamber of Commerce and Industry	Mukoki	Alan	alanm@sacci.org.za	
South African Chamber of Commerce and Industry	Wadi	Albert	albertw@sacci.org.za	
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South African Civil Aviation Authority	Vilakazi	Zwelithini	obstacles@caa.co.za	vilakazizw@caa.co.za
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South African Heritage Resources Agency	Higgitt	Natasha	nhiggitt@sahra.org.za	
South African Local Government Association (SALGA)	George	Xolile	xgeorge@salga.org.za	nmaluleke@salga.org.za
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South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	atiplady@ska.ac.za	atiplady@sarao.ac.za
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South African Weather Services	Magogotya	Zamikhaya	Zamikhaya.Magogotya@weathersa.co.za	
South African Weather Services	Mofokeng	Puseletso	puseletso.mofokeng@weathersa.co.za	

South African Weather Services	Ngoepe	Webster	webster.ngoepe@weathersa.co.za	
South African Weather Services	Petlane	Bernard	Bernard.Petlane@weathersa.co.za	
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Telkom SA SOC Ltd	Bester	Amanda	WayleaCR@telkom.co.za	
Telkom SA SOC Ltd	Shaw	Leonard	shawls@telkom.co.za	
The Green Connection	Allie	Sakeena	alliesakeena@gmail.com	info@thegreenconnection.org.za
The Green Connection	Arkert	Jan	greenconnectcpt@gmail.com	info@thegreenconnection.org.za
The Green Connection	Arkert	Linda	arkert@africaexposed.co.za	info@thegreenconnection.org.za
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Transnet SOC Ltd	Kilian	Geraldine	Geraldine.Kilian@transnet.net	
Transnet SOC Ltd	Mathebula	Futhi	futhi.mathebula@transnet.net	
Transnet SOC Ltd	Njonga	Andiswa	Andiswa.Njonga@transnet.net	
Ubuntu Local Municipality	Arends	K.J.	krisjanarns646@gmail.com	krisarends646@gmail.com
Ubuntu Local Municipality	Fillis	Martin	mfillis@ubuntu.gov.za	mfillis@mweb.co.za
Ubuntu Local Municipality	Jacobs	Hendri	hjacobson@ubuntu.gov.za	
Ubuntu Local Municipality	Jacobs	Komano	asperitojacobs@gmail.com	
Ubuntu Local Municipality	Jantjies	Paula	paulajantjies1@gmail.com	
Ubuntu Local Municipality	Kivedo	M	kivedo@gmail.com	mkivedo@gmail.com
Ubuntu Local Municipality	Lefleur	Elizabeth	info@ubuntu.gov.za	
Ubuntu Local Municipality	Maphosa	Debere	maphosa.d@gmail.com	
Ubuntu Local Municipality	Piquer	Jill	health@ubuntu.gov.za	
Ubuntu Local Municipality	Scholtz	H.E.	mscholtz@ubuntu.gov.za	
Ubuntu Local Municipality	Tsoarelo	Israel	otshekela@pkisd.gov.za	
Ubuntu Local Municipality	van Standen	Bonita	bvanstaden08@gmail.com	
Ubuntu Local Municipality	Vorster	Erica	evorster@ubuntu.gov.za	ericavorster@gmail.com
Vodacom	Adraanse	Junior	junior.adriaanse@vodacom.co.za	
Vodacom	Barnard	Hennie	hennie.barnard@vodacom.co.za	
Vodacom	Fourie	Nico	Nico.Fourie@vodacom.co.za	
WESSA Northern Cape Region	Erasmus	Suzanne	wessanc@yahoo.com	
Wildlife and Environment	Wesson	John	jnbadmin@wessa.co.za	

Society of South Africa (WESSA)				
Windlab Developments South Africa	Harding	Joseph	windlab.iap@windlab.com	
Windlab Developments South Africa (Pty) Ltd	Jackson	Francis	francis.jackson@windlab.com	
WKN Windcurrent SA (Pty) Ltd	Abrahams	Zakiya	abrahams@wkn-windcurrent.com	

Totals:

Notification of availability of Scoping Report for review
and comment

10 November 2021

Dear Stakeholder and Interested and Affected Party,

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE
NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFE Reference Nos.: To be Issued)**

NOTIFICATION OF AVAILABILITY OF SCOPING REPORTS FOR REVIEW AND COMMENT

The development of the three (3) 100MW solar photovoltaic (PV) energy facilities, and the two (2) 140MW wind farms for which separate Environmental Impact Assessment (EIA) processes and a combined Public Participation Process are being conducted, namely:

Solar PV Facilities	Wind Energy Facilities
Nku Solar PV Facility	Angora Wind Energy Facility
Moriri Solar PV Facility	Merino Wind Energy Facility
Kwana Solar PV Facility	

The detailed project information that was provided in the Background Information Document (BID) distributed on 21 October 2021, has reference.

SCOPING REPORTS AVAILABLE FOR PUBLIC REVIEW AND COMMENT

The Scoping Reports for each of the renewable energy facilities are available for review and comment from **Friday, 12 November 2021** until **Monday, 13 December 2021**. The reports are available for download from the Savannah Environmental website <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/>.

Please note Regulation 3(1) of the Environmental Impact Assessment Regulations, 2014, as amended, i.e.:

Subject to subregulations (2) and (3), when a period of days must in terms of these Regulations be reckoned from or after a particular day, that period must be reckoned as from the start of the day following that particular day to the end of the last day of the period, but if the last day of the period falls on a Saturday, Sunday or public holiday, that period must be extended to the end of the next day which is not a Saturday, Sunday or public holiday.

Although the Scoping Reports for the renewable energy facilities will be available during the course of the day on Friday, 12 November 2021, Saturday, 13 November 2021 would be the first day of your 30-day review and comment period. The due date for written comments is Monday, 13 December 2021.

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster, limiting the movement and gathering of people to curb the spread of the COVID-19 virus has placed some limitations on making hard copies of the Scoping Reports available at public places such as libraries and municipal offices.

As per our approved public participation plan submitted to the Department of Forestry, Fisheries and the Environment (DFFE), you can also request that an electronic copy of the Scoping Reports be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the Scoping Reports via one of the following means:

- Telephone: 011 656 3237
- Mobile: 060 978 8396 (including please call me)
- Fax: 086 684 0547
- E-mail: publicprocess@savannahsa.com

All comments should be addressed to Nicolene Venter or Tumelo Mathulwe at Savannah Environmental.

All comments received during the 30-day review and comment period will be recorded and included in the Final Scoping Reports for submission to the DFFE in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

INVITATION TO INFORMATION SESSION

You are invited to attend the Information Session (poster display) which will take place at the Richmond Show Grounds on **Thursday, 02 December 2021** at **14h00** until **17h00**. The Information Session will take place in compliance with COVID-19 protocols, and attendees are limited to 12 persons at a time in the Hall. Please contact Nicolene Venter or Tumelo Mathulwe (details below) to register your attendance:

- Mobile: 060 978 8396 (including *please call me*)
- Fax: 086 684 0547
- E-mail: publicprocess@savannahsa.com

We are looking forward to your participation in the public participation processes for these projects as your valuable contribution to the proposed projects will ensure an inclusive approach and allow the DFFE to make an informed decision.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.


Kind regards




Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

abc  Format: HTML

Normal Calibri Size (CTRL+S) **B** / U A 

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND,
NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.




Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

[Unsubscribe this type of email](#)

 Design  HTML  Preview

SAVE **CLOSE**

[Print](#)

SE3125: Great Karoo Renewable Cluster - Notification of availability of Scoping Reports (POE)

Date:
Wednesday,
10 November
2021
Time: 16:57

Company	Last Name	First Name	Email Address	Email Address 2
	Hugo	Danny	wildafrica110760@gmail.com	
	Nunez	David	david.nunez@siriuspower.co.za	
	Pichard	Jan	info@ratelfontein.com	
	Reynolds	Kobus	r2r@vodamail.co.za	
	Rimbault	Linsey	rimbault@wkn-windcurrent.com	
	Van den Heever	JW	Grootaarcc@gmail.com	
	Van Heerden	Denver	dhvanheerden@vodamail.co.za	
	Victor	Jan	janvictor197@gmail.com	
African Clean Energy Development (ACED)	Kot	Stephnie	stephnie.kot@aced.co.za	
African Farmers Association of South Africa	Mahlali	Vuyo	info@afasa.org.za	
Agri Northern Cape	Anthonissen	Eben	ebenanthonissen@hotmail.com	
Agri Northern Cape	Bredenkamp	Jim	eliaslaubscher@gmail.com	
Agri Northern Cape	De Wet	Hannes	telpoortb@vodamail.co.za	
Agri Northern Cape	Jansen	Nicol	henning@agrink.co.za	
Agri Northern Cape	Loubser	Elias	eliaslaubscher@gmail.com	
Agri Northern Cape	Symington	Willem	willemsymington@gmail.com	
Agri Northern Cape	Van Rensburg	Wiaan	wiaanvr1@gmail.com	
Agri SA	Rabie	Janse	janse@agrisa.co.za	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	simphiwem@atns.co.za	
Beaufort West Local Municipality	Haarhoss	Kosie	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Nkungwana	M.G	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Smit	Louw	louw@beaufortwestmun.co.za	
Beaufort West Local Municipality	Van Staden	R	admin@beaufortwestmun.co.za	
Beaufort West Local Municipality	Visser	Amanda	admin@beaufortwestmun.co.za	

Bellatrix Solar PV Project (Pty) Ltd		Kate	kate@solagroup.co.za	info@solagroup.co.za
BirdLife South Africa	Ralston-Paton	Samantha	energy@birdlife.org.za	
Blue Sky Solar (Pty) Ltd		Genevieve	gen@blueskysolar.co.za	
Blue Sky Solar (Pty) Ltd		James	james@blueskysolar.co.za	
Brakpoort 75MW PV Solar Farm	McGillivrai	John	john@africoastenergy.co.za	
Cell C	Joubert	Brian	BJoubert@cellc.co.za	
Cell C	Kasseepursad	Harish	hkasseepursad@cellc.co.za	
Cell C	Otto	Marius	marius.otto@cellc.co.za	
Central Karoo District Municipality	Brown	Barbara	barbara@skdm.co.za	manager@skdm.co.za
Central Karoo District Municipality	Goeieman	Levona	levona@skdm.co.za	
Central Karoo District Municipality	Jonkers	J	jjonkers@skdm.co.za	
Central Karoo District Municipality	Jooste	S	manager@skdm.co.za	
Central Karoo District Municipality	Koopman	Andre	andre@skdm.co.za	
Central Karoo District Municipality	Nakani	Phumezo	manager@skdm.co.za	
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From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Monday, 06 December 2021 13:53
To: Pieter Ackerman
Cc: Nicolene Venter
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports
Attachments: SE3125-Great_Karoo_PVWEF_Cluster_SR-FINAL.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

DFFE Reference Numbers

Angora Wind Farm: 14/12/16/3/3/2/2113
Merino Wind Farm: 14/12/16/3/3/2/2114
Nku Solar PV: 14/12/16/3/3/2/2115
Moriri Solar PV: 14/12/16/3/3/2/2116
Kwana Solar PV: 14/12/16/3/3/2/2118

Dear Stakeholder and Interested & Affected Party,

With reference to the attached notification letter sent on Friday, 12 November 2021, this e-mail serves to inform you that the review and comment period for the Scoping Reports are ending on **Monday, 13 December 2021**.

As you may recall, the review and comment period for the Scoping Reports commenced on Friday, 12 November 2021.

The Scoping Reports are available on our website [click here](#)

Thank you to those Stakeholders and Interested and Affected Parties who submitted their written comments and those who had not yet to please do so before on **Monday, 13 December 2021**.

Kind regards,

[Unsubscribe this type of email](#)



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SE3125: Great Karoo Renewable Cluster - Scoping Report reminder that comment period is ending soon

Date: Monday,
06 December
2021
Time: 13:40

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NC Department of Agriculture, forestry and fisheries	Mothibi	Viljoen	cfortune@agri.ncape.gov.za	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Cloete	Peter	peter.denc87@gmail.com	
NC Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	De la Fontaine	Samantha	sdelafontaine@gmail.com	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource Authority)	Ratha	Timothy	ratha.timothy@gmail.com	timothy@nbkb.org.za
Ngwao-Boswa Ya Kapa Bokone (NCPHRA)	Timothy	Andrew	ratha.timothy@gmail.com	
Northern Cape Chamber of Commerce & Industry (NOCCI)	Steyn	Sharon	sharon@nocci.co.za	
Northern Cape DENC	van Heerden	Denver	dvaheeden@ncpg.gov.za	

Northern Cape Department of Agriculture	Modise	Lerato	lwamodise@ncpg.gov.za	
Northern Cape Department of Agriculture	Mogorosi	Zanele	ZMogorosi@ncpg.gov.za	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Diteme	Ali	aditeme@agri.ncape.gov.za	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	cfortune@agri.ncape.gov.za	
Northern Cape Department of Co-operative Governance	Phete	A	aphete@ncpg.gov.za	
Northern Cape Department of Environment & Nature Conservation	Geldenhuis	Conrad	c.geldenhuis@hotmail.com	
Northern Cape Department of Environment & Nature Conservation	Phete	A	aphete@ncpg.gov.za	
Northern Cape Department of Environment and Nature Conservation	Ndzumo	Onwabile	onyndzumo@gmail.com	
Northern Cape Department of Environment and Nature Conservation	Uys	Natalie	nuys.denc@gmail.com	
Northern Cape Department of Roads & Public Works	Roelofse	Jaco	roelofse.j@vodamail.co.za	
Northern Cape Department of Roads & Public Works	Sithole	Menelisi	menelisi.sithole@vodamail.co.za	
Northern Cape Department of Roads and Public Works	Nogwili	Kholikile	lucindavanwyk@ncpg.gov.za	
Northern Cape Department of	Palm	Ruth	klawrence@trpw.ncape.gov.za	klawrence@ncape.gov.za

Roads and Public Works				
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald	pamnc@vodamail.co.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	BFisher@ncpg.gov.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	dmoleko@ncpg.gov.za	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Swart	Elsabe	elsabe.dtec@gmail.com	
Northern Cape Economic Development Agency	Mbobo	Babalwa	mbobobc@gmail.com	
Northern Cape Tourism	McKuchane	Peter	peter.ncta@telkomsa.net	marketing@experiencenortherncape.com
Open Serve (on behalf of Telkom SA Ltd)	Groenewald	Vivian	VivianG@openserve.co.za	
Pixley Ka Seme District Municipality	Bosch	Beatrice	btbosch@pkisd.gov.za	
Pixley Ka Seme District Municipality	Present	Passie	mm@pkisd.gov.za	
Pixley Ka Seme District Municipality	Sibeko	Asanda	asibeko@pkisd.gov.za	
Ratelfontein Private Nature Reserve	Pichardt	Jan	info@ratelfontein.com	
Red Cap Energy	Jones	Kirsten	kirsten@red-cap.co.za	
SANRAL	Abrahams	Nicole	Abrahamsn@nra.co.za	
SANRAL	Tshali	Zingisa	TshaliZ@nra.co.za	
Savannah Environmental (Pty) Ltd	Bulunga	Nondumiso	nondumiso@savannahsa.com	
Sentech Ltd	Motlhake	Serame	MotlhakeS@sentech.co.za	
Sirius Power (Pty) Ltd	Nunez	David	david.nunez@siriuspower.co.za	
SOLA Group	Maroga	Reuben	reuben@solagroup.co.za	
South African Astronomical Observatory	Williams	Ted	director@sao.ac.za	
South African Bat Assessment Advisory Panel (SABAAP)	MacEwan	Kate	kate@jws-sa.co.za	

South African Bat Assessment Association	Lotter	Caroline	caroline@iws-sa.co.za	
South African Chamber of Commerce and Industry	Mukoki	Alan	alanm@sacci.org.za	
South African Chamber of Commerce and Industry	Wadi	Albert	albertw@sacci.org.za	
South African Civil Aviation Authority	Stroh	Lizelle	obstacles@caa.co.za	strohl@caa.co.za
South African Civil Aviation Authority	Vilakazi	Zwelithini	obstacles@caa.co.za	vilakazizw@caa.co.za
South African Civilian Aviation Authority	Jakavula	Zukisani	strohl@caa.co.za	
South African Department of Defence	Zondi	Lt. Col. Kebasenos	kebasenos@yahoo.com	
South African Heritage Resources Agency	Higgitt	Natasha	nhiggitt@sahra.org.za	
South African Local Government Association (SALGA)	George	Xolile	xgeorge@salga.org.za	nmaluleke@salga.org.za
South African National Parks	Novellie	Peter	peter.novellie@sanparks.org	
South African National Parks (SANP)	Daphne	Paul	pauld@sanparks.org	
South African Radio Astronomy Observatory (SARAO)	Matlhane	Selaelo	smatlhane@ska.ac.za	smatlhane@sarao.ac.za
South African Radio Astronomy Observatory (SARAO)	Monama	Tshegofatso	temonama@ska.ac.za	temonama@sarao.ac.za
South African Radio Astronomy Observatory (SARAO)	Sithole	Busang	bsethole@ska.ac.za	bsethole@sarao.ac.za
South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	atiplady@ska.ac.za	atiplady@sarao.ac.za
South African Weather Services	Jardine	Rydall	Rydall.jardine@weathersa.co.za	
South African Weather Services	Magogotya	Zamikhaya	Zamikhaya.Magogotya@weathersa.co.za	
South African Weather Services	Mofokeng	Puseletso	puseletso.mofokeng@weathersa.co.za	

South African Weather Services	Ngoepe	Webster	webster.ngoepe@weathersa.co.za	
South African Weather Services	Petlane	Bernard	Bernard.Petlane@weathersa.co.za	
South African Wind Energy Association (SAWEA)	van den Berg	Johan	johan@sawea.org.za	
Subsolar Energy (Pty) Ltd	Fasasie	Stephanie	fasasie@subsolar.co.za	
Telkom SA SOC Ltd	Bester	Amanda	WayleaCR@telkom.co.za	
Telkom SA SOC Ltd	Shaw	Leonard	shawls@telkom.co.za	
The Green Connection	Allie	Sakeena	alliesakeena@gmail.com	info@thegreenconnection.org.za
The Green Connection	Arkert	Jan	greenconnectcpt@gmail.com	info@thegreenconnection.org.za
The Green Connection	Arkert	Linda	arkert@africaexposed.co.za	info@thegreenconnection.org.za
The Green Connection	Hamilton	Gillian	gill@twigconsulting.co.za	info@thegreenconnection.org.za
The Green Connection	Modise	Ketshepaone	kymodise@gmail.com	info@thegreenconnection.org.za
The Green Connection	Van Rooy	Neville	greenconnectcpt@gmail.com	info@thegreenconnection.org.za
Transnet Freight Rail	Maharaj	Verishnee	Vrishnee.Maharaj@transnet.net	
Transnet SOC Ltd	Kilian	Geraldine	Geraldine.Kilian@transnet.net	
Transnet SOC Ltd	Mathebula	Futhi	futhi.mathebula@transnet.net	
Transnet SOC Ltd	Njonga	Andiswa	Andiswa.Njonga@transnet.net	
Ubuntu Local Municipality	Arends	K.J.	krisjanarns646@gmail.com	krisarends646@gmail.com
Ubuntu Local Municipality	Fillis	Martin	mfillis@ubuntu.gov.za	mfillis@mweb.co.za
Ubuntu Local Municipality	Jacobs	Hendri	hjacobson@ubuntu.gov.za	
Ubuntu Local Municipality	Jacobs	Romano	asperitojacobs@gmail.com	
Ubuntu Local Municipality	Jantjies	Paula	paulajantjies1@gmail.com	
Ubuntu Local Municipality	Kivedo	M	kivedo@gmail.com	mkivedo@gmail.com
Ubuntu Local Municipality	Lefleur	Elizabeth	info@ubuntu.gov.za	
Ubuntu Local Municipality	Maphosa	Debere	maphosa.d@gmail.com	
Ubuntu Local Municipality	Moses	Rashilda	crmoses04@gmail.com	
Ubuntu Local Municipality	Piquer	Jill	health@ubuntu.gov.za	
Ubuntu Local Municipality	Robertson	Collin	robertsoncollin70@gmail.com	
Ubuntu Local Municipality	Scholtz	H.E.	mscholtz@ubuntu.gov.za	
Ubuntu Local Municipality	Tolken	Johan	wilnatolken@gmail.com	
Ubuntu Local Municipality	Tsoarelo	Israel	otshekela@pksdm.gov.za	
Ubuntu Local Municipality	van Standen	Bonita	bvanstaden08@gmail.com	

Ubuntu Local Municipality	Vorster	Erica	evorster@ubuntu.gov.za	ericavorster@gmail.com
Ubuntu Youth Forum Foundation	Jantjies	D	ddjantjies@gmail.com	
Vodacom	Adraanse	Junior	junior.adriaanse@vodacom.co.za	
Vodacom	Barnard	Hennie	hennie.barnard@vodacom.co.za	
Vodacom	Fourie	Nico	Nico.Fourie@vodacom.co.za	
WESSA Northern Cape Region	Erasmus	Suzanne	wessanc@yahoo.com	
Wildlife and Environment Society of South Africa (WESSA)	Wesson	John	jnbadmin@wessa.co.za	
Windlab Developments South Africa	Harding	Joseph	windlab.iap@windlab.com	
Windlab Developments South Africa (Pty) Ltd	Jackson	Francis	francis.jackson@windlab.com	
WKN Windcurrent SA (Pty) Ltd	Abrahams	Zakiya	abrahams@wkn-windcurrent.com	

Totals:

SAVANNAH ENVIRONMENTAL WEBSITE

WELCOME TO OUR VIRTUAL CONSULTATION

Maps &
Plans

Project
Information

Presentations

[Submit A Comment](#)

Downloads

The Great Karoo Cluster of Renewable Energy Facilities:

Angora Wind Farm

[Scoping Report](#)

[Appendix A: EIA Project Consulting Team and Specialist CVs](#)

[Appendix B: Authority Consultation](#)

[Appendix C1: I&AP Database](#)

[Appendix C2: Site Notices & Newspaper Adverts](#)

[Appendix C3: Background Information Document](#)

[Appendix C4: Organs of State Correspondence](#)

[Appendix C5: Stakeholder Correspondence](#)

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Appendix C7: Minutes of Meetings

Appendix C8: Comments and Responses Report

Appendix C9: PP Plan&Approval

Appendix D: Ecological Scoping Assessment

Appendix E: Avifauna Scoping Assessment

Appendix F: Bat Scoping Assessment

Appendix G: Soils and Freshwater Scoping Assessment

Appendix H: Heritage Scoping Assessment

Appendix I: Noise Scoping Assessment

Appendix J: Visual Scoping Assessment

Appendix K: Social Scoping Assessment

Appendix L: Traffic Scoping Assessment

Appendix M: Maps (A3)

Appendix N: Specialist Declarations

Appendix O: DFFE Screening Report

Appendix P: EAP Declaration of Independence and Affirmation

Correspondence

Savannah Public Process

From: Peter Smith <peter@atlanticep.com>
Sent: Monday, 08 November 2021 08:06
To: Savannah Public Process
Cc: Nondumiso Bulunga; Tumelo Mathulwe
Subject: RE: SE3125-The Great Karoo Cluster of Renewable Energy Facilities - Savannah Environmental - Public Participation Registration

Morning Nicolene,

Thanks very much registering me and for the project status update.

Have a good week.

Kind regards

Peter Smith
Project Manager
Atlantic Renewable Energy Partners (Pty) Ltd



Office: + 27 (21) 418 2596
Mobile +27 82 300 6497
Fax: + 27 (0) 86 611 0882

101, Block A, West Quay Building
7 West Quay Road, Waterfront
Cape Town, 8000

Email: peter@atlanticep.com

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From: Savannah Public Process [mailto:publicprocess@savannahsa.com]
Sent: Sunday, 07 November 2021 10:34
To: Peter Smith <peter@atlanticep.com>
Cc: Nondumiso Bulunga <Nondumiso@savannahsa.com>; Tumelo Mathulwe <tumelo@savannahsa.com>
Subject: RE: SE3125-The Great Karoo Cluster of Renewable Energy Facilities - Savannah Environmental - Public Participation Registration

Dear Peter,

Please receive herewith acknowledgement that you are registered on the Angora WEF and Merino WEF projects' database that forms part of the Great Karoo Cluster of Renewable Energy Facilities.

The projects are currently in the scoping phase and it is envisaged that the scoping reports will be available on our website next week Friday, 12 November 2021.

As a registered Interested and Affected Party, you will receive the notification of the availability of the Reports and the review and comment periods.

Kind regards,



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f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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-----Original Message-----

From: Peter Smith <peter@atlanticep.com>

Sent: Friday, 05 November 2021 10:31

To: Savannah Public Process <publicprocess@savannahsa.com>

Subject: RE: SE3125-The Great Karoo Cluster of Renewable Energy Facilities - Savannah Environmental - Public Participation Registration

Morning,

Please can you register me as an I&AP on the following projects as part of the Great Karoo Cluster of Renewable Energy Facilities:

Angora WEF's and
Merino WEF's

Can you please confirm as to what stage of the environmental process are the Mernio & Angora WEF's currently in?

Kind regards

Peter Smith
Project Manager
Atlantic Renewable Energy Partners (Pty) Ltd

Office: + 27 (21) 418 2596

Mobile +27 82 300 6497
Fax: + 27 (0) 86 611 0882

101, Block A, West Quay Building
7 West Quay Road, Waterfront
Cape Town, 8000

Email: peter@atlanticep.com

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-----Original Message-----

From: publicprocess@savannahsa.com [mailto:publicprocess@savannahsa.com]

Sent: Friday, 05 November 2021 10:13

To: Peter Smith <peter@atlanticep.com>

Subject: SE3125-The Great Karoo Cluster of Renewable Energy Facilities - Savannah Environmental - Public Participation Registration

Hi Peter Smith

Thank you for your registration.

Use the following code to access the documentation for The Great Karoo Cluster of Renewable Energy Facilities - Angora Wind Farm:

VtUvOs4x

Regards
Savannah Environmental

Nicolene Venter

From: Public Process <publicprocess@savannahsa.com>
Sent: Tuesday, 16 November 2021 15:42
To: Andre De Vries
Cc: Nondumiso Bulunga; Nicolene Venter; Tumelo Mathulwe; Nicolene Venter
Subject: SE3125: Great Karoo Cluster Renewable Energy Facilities: Beskikbaarheid van Bestekopnameverslag & Bevestiging van telefoniese gesprek
Attachments: SE3125 Great Karoo BID (Afr)-FINAL.pdf; SE3125 Great Karoo BID (Eng)-FINAL.pdf; SE3125-Great Karoo PVWF Cluster-RegComm Form-FINAL.pdf; SE3125-Great Karoo PVWF Cluster SR-FINAL.pdf

Beste André,

Baie dankie dat jy my oproep vanmiddag ontvang het, dit word opreg waardeer.

Soos bespreek sal ek jou more of Donderdag skakel om 'n afspraak te reël om oor bogenoemde voorgestelde projek te gesels, of in Kroonstad of in Pretoria.

Hiermee die koppeling na ons webtuiste waar die projekte se Bestekopname- en Spesialisverslae beskikbaar is [click here](#) die kode om die verslae af te laai is VtUvOs4x

Aangeheg vir jou inligting is die:

- Agtergrondinligtingsdokument
- Registrasie- en Kommentaarvorm
- Kennisgewingsbrief rakende die beskikbaarheid van die Bestekopnameverslae

Moet asseblief nie huiwer om my te kontak indien jy enige addisionele inligting verlang nie.

Groete

[Unsubscribe this type of email](#)



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f: 086 684 0547

Nicolene Venter
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e: publicprocess@savannahsa.com
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Savannah Public Process

From: jchristoffels61 <jchristoffels61@gmail.com>
Sent: Thursday, 25 November 2021 15:09
To: Savannah Public Process
Subject: RE: SE3125: Great Karoo Cluster Renewable Development - Ontvangserkenning

Middag
Baie baie dankie.

Mooi dag.

Sent from my Galaxy

----- Original message -----

From: Savannah Public Process <publicprocess@savannahsa.com>
Date: 2021/11/25 15:05 (GMT+02:00)
To: jchristoffels61 <jchristoffels61@gmail.com>
Subject: SE3125: Great Karoo Cluster Renewable Development - Ontvangserkenning

Middag Johnny,

Dankie – ek het nou alle inligting. Ek stuur jou maatskappy inligting na die ontwikkelaar toe.

Groete,



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From: jchristoffels61 <jchristoffels61@gmail.com>
Sent: Sunday, 21 November 2021 10:18
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: RE:

More Nicolene.

Dis di windplaas in Richmond. Ubuntu Munisipaliteit.

Dankie.

Groete .

Sent from my Galaxy

----- Original message -----

From: Savannah Public Process <publicprocess@savannahsa.com>

Date: 2021/11/20 15:25 (GMT+02:00)

To: jchristoffels61 <jchristoffels61@gmail.com>

Subject: RE: RE:

Middag Johnny,

Nou onthou ek, maar ek kan nie die projek waarna jy navraag gedoen het onthou nie.

Kan jy my net weer herinner asseblief.

Groete



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From: jchristoffels61 <jchristoffels61@gmail.com>
Sent: Friday, 19 November 2021 15:33
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE:

Middag Nicolene

Ons het telefonies gesels dat ek my maatskappy se besonderhede stuur. U sou dit na di regte plek gestuur het aangesien julle ni di werk self gan doen ni.

Hoop dis in orde.

Groete

Johnny

Sent from my Galaxy

----- Original message -----

From: Savannah Public Process <publicprocess@savannahsa.com>

Date: 2021/11/19 02:32 (GMT+02:00)

To: jchristoffels61 <jchristoffels61@gmail.com>

Subject: RE:

Beste Johnny – vir watter projek was U kontakinligting aangevra?

Groetnis



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From: jchristoffels61 <jchristoffels61@gmail.com>
Sent: Wednesday, 10 November 2021 11:46
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject:

Die inligting is as volg:

J.CHRISTOFFELS

227 PAULSTR RICHMOND NK 7090

SELNO. 0822552526

Maatskappy Besonderhede.

JFC GENERAL SERVICE PROVIDER

REG NO. 2016/522324/07

CIDB GRADE: 1GB PE

1CE PE

CSD REGISTREER.

SARS GEREGISTREER.

Epos. jchristoffels61@gmail.com

Vriendelike groete.

Johnny

0822552526

Indien u enige verdere inligting verlang

Sent from my Galaxy

2021/11/10, 10:47 - Messages and calls are end-to-end encrypted. No one outside of this chat, not even WhatsApp, can read or listen to them. Tap to learn more.

2021/11/10, 10:47 - Savannah Environmental (Pty) Ltd: More Christoff, stuur asb julle maatskappy of jou inligting deur na publicprocess@savannahsa.com

2021/11/10, 10:49 - Savannah Environmental (Pty) Ltd: Soos genoem, die aanstelling van kontrakteurs is nie deel van ons verantwoordelikheid nie. Savannah Environmental doen die omgewingsimpakstudies. Vriendelike groete Nicolene Venter Savannah Environmental

Savannah Public Process

From: Colette Alisha Stander <colette@g7energies.com>
Sent: Monday, 15 November 2021 12:16
To: Savannah Public Process
Subject: Re: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Dear Nicolene,
I was able to download the reports this morning, thank you very much.

Have a happy week!
Colette

On Sun, 14 Nov 2021 at 19:29, Savannah Public Process <publicprocess@savannahsa.com> wrote:

Dear Colette,

Thank you for your e-mail below.

As per the notification letter, the Scoping Reports and Appendices were available from Friday, 12 November 2021. The Scoping Reports were not yet available on Thursday, 11 November 2021.

Herewith the website link <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/> and the release code is VtUvOs4x

Please confirm that you could successfully download all the Scoping Reports and their Appendices.

Kind regards,



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f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant
e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Colette Alisha Stander <colette@g7energies.com>
Sent: Thursday, 11 November 2021 08:16
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: Re: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Dear Nicolene,

I hope you are well!

With regards to the Great Karoo Renewable Energy (Pty) Ltd project below, I can't seem to locate or download the scoping reports on the Savannah website. Would it be possible to please send me a link to download the reports directly, or maybe just advise whether the reports may not be available yet.

Kind Regards,

Colette Stander

On Wed, 10 Nov 2021 at 17:00, Savannah Environmental Public Process <publicprocess@savannahsa.com> wrote:

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR
RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

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savannah
environmental

t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Savannah Public Process

From: Savannah Public Process
Sent: Sunday, 14 November 2021 19:42
To: 'Du Toit Malherbe'
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES - Confirmation of Registration, Website & Release Code

Dear Du Toit,

Please receive herewith confirmation that you have been registered as an I&AP on the abovementioned projects' databases.

The Scoping Reports and associated Appendices can be downloaded from our website <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/> and the release code is VtUvOs4x

Please confirm that you could successfully download the Scoping Reports and associated Appendices.

Kind regards,



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f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant
e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Du Toit Malherbe <Du-Toit.Malherbe@abo-wind.com>
Sent: Thursday, 11 November 2021 07:05
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES

Hi Nicolene,

Would you be so kind to add me the list of Interested & Affected Parties and forward associated notifications for the following project:

- GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE (DFFE Reference Nos.: To be Issued)

Thank you and kind regards,

Du Toit Malherbe

Project Manager

ABO Wind renewable energies (Pty) Ltd.
Unit B1, Mayfair Square
Century Way, Century City
7441
South Africa

Visitor address:

5th Floor, Sunclare Building
21 Dreyer Street
Claremont
7708
South Africa

Mobile: +27 (0) 60 383 8058

Phone: +27 (0) 21 276 3620

du-toit.malherbe@abo-wind.com

www.abo-wind.com



Company registration number 2018/062901/07 | Tax registration number 4370284061

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Savannah Public Process

From: Savannah Public Process
Sent: Sunday, 14 November 2021 19:55
To: 'Fyvie, Richard'
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Confirmation of Registration, Website link & Release code

Dear Richard,

Please receive herewith confirmation that you have been registered in the above-mentioned projects' database.

The website to download the Scoping Reports and associated Appendices is <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/> and the release code is VtUvOs4x

Please confirm that you could successfully download the Scoping Report and associated Appendices.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

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Consultant

e: publicprocess@savannahsa.com
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From: Fyvie, Richard <Richard.Fyvie@dnv.com>
Sent: Wednesday, 10 November 2021 17:40
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Hi Nicolene,
May I register my interest in obtaining these Scoping Reports please?

Thanks
Richard

Richard Fyvie MBA, PhD

Principal Engineer
Renewables Project Engineering
Energy Systems | Southern Europe, Middle East and Africa, Latin America

DNV South Africa (Pty) Ltd.
richard.fyvie@dnv.com
Mobile +27 76 904 3091
dnv.com | [LinkedIn](#)



From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Wednesday, November 10, 2021 5:00 PM
To: Fyvie, Richard <Richard.Fyvie@dnv.com>
Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,
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Nicolene Venter
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Savannah Public Process

From: Romano Asperito Jacobs <asperitojacobs@gmail.com>
Sent: Tuesday, 16 November 2021 15:50
To: Savannah Public Process
Cc: NONCEBA MKONTWANA; Simon Baas
Subject: Re: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Request for Contact Details

Good day

I have cc'd the relevant parties.

On Sun, Nov 14, 2021 at 7:09 PM Savannah Public Process <publicprocess@savannahsa.com> wrote:

Dear Mr Jacobs,

Thank you for your e-mail below.

Would you please provide us with the following information to enable us to respond to your e-mail below:

- Government Department / District Municipality / Local Municipality
- Position
- Telephone number (office)
- Fax number
- Mobile number

Kind regards

savannah
environmental

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Nicolene Venter

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From: Romano Asperito Jacobs <asperitojacobs@gmail.com>
Sent: Thursday, 11 November 2021 12:11
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: Re: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Good day

Please take note that you need to rezone the pieces of land to Special Zoning.

Warm regards

On Wed, Nov 10, 2021 at 5:04 PM Savannah Environmental Public Process <publicprocess@savannahsa.com> wrote:

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR
RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

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Nicolene Venter
Public Process

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c: +27 (0) 60 978 8396

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--
Romano Asperito Jacobs (Professional Accountant) SA

Professional Government Finance Officer (CIGFARO)

Ubuntu Local Municipality: Chief Financial Officer

Cell:+27 73 473 1224

Fax: 086 605 1834

--

Romano Asperito Jacobs (Professional Accountant) SA
Professional Government Finance Officer (CIGFARO)
Ubuntu Local Municipality: Chief Financial Officer
Cell:+27 73 473 1224
Fax: 086 605 1834

Savannah Public Process

From: Savannah Public Process
Sent: Tuesday, 07 December 2021 17:09
To: 'Reuben Maroga'
Cc: Abigail Forbes
Subject: RE: Request for I&AP Registration: Proposed Solaris Fields and Sun Garden PV Projects
Attachments: Great Karoo Locality Map.pdf; Great Karoo Outline.kmz

Dear Reuben,

Attached as requested.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Reuben Maroga <reuben@solagroup.co.za>
Sent: Friday, 19 November 2021 10:32
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: Abigail Forbes <abigail.forbes@solagroup.co.za>
Subject: Re: Request for I&AP Registration: Proposed Solaris Fields and Sun Garden PV Projects

Good Day,

Thanks for sending this through.

Do you mind sharing the KML of the boundaries of the proposed project, including the grid connection corridor assessed for each of the proposed solar PV facilities ?

Your feedback will be most appreciated.

Best Regards

Reuben Maroga

Permitting Specialist

Telephone: +27 10 597 3538

Mobile: +27 71 146 1820

Email: reuben@solagroup.co.za



On Fri, Nov 19, 2021 at 12:33 AM Savannah Public Process <publicprocess@savannahsa.com> wrote:

Dear Mr Maroga,

Please receive herewith confirmation that you have been registered as an I&AP on the above-mentioned projects' databases and will receive all future project related information.

The Basic Assessment Reports are available on our website <https://savannahsa.com/public-documents/energy-generation/eastern-cape-cluster-of-renewable-energy-facilities-4/> and the release code to download the Basic Assessment Reports is 3dLVEW

Kind regards,



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From: Reuben Maroga <reuben@solagroup.co.za>
Sent: Tuesday, 16 November 2021 10:36
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: Katherine Persson <katherine@solagroup.co.za>; Abigail Forbes <abigail.forbes@solagroup.co.za>
Subject: Request for I&AP Registration: Proposed Solaris Fields and Sun Garden PV Projects

Good Day,

We kindly request to be registered as an I&AP for the following project:

The Solaris Fields and Sun Garden Solar Photovoltaic Facilities, Eastern Cape Province

Reason for registration:

We are interested in developing similar projects in this area. Thus, it would be good to be aware of other projects present.

For the registration purposes, please capture the following email address:

iap@solagroup.co.za

Best Regards

Reuben Maroga
Permitting Specialist

Telephone: +27 10 597 3538
Mobile: +27 71 146 1820
Email: reuben@solagroup.co.za

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Savannah Public Process

From: Savannah Public Process
Sent: Sunday, 07 November 2021 10:34
To: Peter Smith
Cc: Nondumiso Bulunga; Tumelo Mathulwe
Subject: RE: SE3125-The Great Karoo Cluster of Renewable Energy Facilities - Savannah Environmental - Public Participation Registration

Dear Peter,

Please receive herewith acknowledgement that you are registered on the Angora WEF and Merino WEF projects' database that forms part of the Great Karoo Cluster of Renewable Energy Facilities.

The projects are currently in the scoping phase and it is envisaged that the scoping reports will be available on our website next week Friday, 12 November 2021.

As a registered Interested and Affected Party, you will receive the notification of the availability of the Reports and the review and comment periods.

Kind regards,



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-----Original Message-----

From: Peter Smith <peter@atlanticep.com>
Sent: Friday, 05 November 2021 10:31
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: SE3125-The Great Karoo Cluster of Renewable Energy Facilities - Savannah Environmental - Public Participation Registration

Morning,

Please can you register me as an I&AP on the following projects as part of the Great Karoo Cluster of Renewable Energy Facilities:

Angora WEF's and
Merino WEF's

Can you please confirm as to what stage of the environmental process are the Mernio & Angora WEF's currently in?

Kind regards

Peter Smith
Project Manager
Atlantic Renewable Energy Partners (Pty) Ltd

Office: + 27 (21) 418 2596
Mobile +27 82 300 6497
Fax: + 27 (0) 86 611 0882

101, Block A, West Quay Building
7 West Quay Road, Waterfront
Cape Town, 8000

Email: peter@atlanticep.com

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-----Original Message-----

From: publicprocess@savannahsa.com [mailto:publicprocess@savannahsa.com]

Sent: Friday, 05 November 2021 10:13

To: Peter Smith <peter@atlanticep.com>

Subject: SE3125-The Great Karoo Cluster of Renewable Energy Facilities - Savannah Environmental - Public Participation Registration

Hi Peter Smith

Thank you for your registration.

Use the following code to access the documentation for The Great Karoo Cluster of Renewable Energy Facilities - Angora Wind Farm:

VtUvOs4x

Regards
Savannah Environmental

Savannah Public Process

From: Savannah Public Process
Sent: Tuesday, 23 November 2021 13:39
To: Eric Kweleta
Subject: RE: RSVP

Dear Eric,

Thank you for your email below.

Please be informed that the meeting which started at 13h30 is with the Pixley ka Seme District and Ubuntu Local Municipal Officials.

I will send you information to the Information Session / Poster display that is taking place on Thursday, 02 December 2021 between 14h00 and 17h00 at the Showgrounds, Richmond.

Please let me know when you are available after 15h00 on 060 978 8396 and I will give you a call.

Kind regards



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

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c: +27 (0)60 978 8396

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-----Original Message-----

From: Eric Kweleta <ekweleta@gmail.com>
Sent: Tuesday, 23 November 2021 13:05
To: Nicolene Venter <nicolene@savannahsa.com>
Subject: RSVP

Good day,

Herewith receive confirmation of attendance of the Focus Group taking place this afternoon. Eric Kweleta(Ubuntu Youth Forum).

Regards
Eric

Sent from my iPad

Nicolene Venter

From: Click J7 <ddjantjies@gmail.com>
Sent: Wednesday, 24 November 2021 03:46
To: Nicolene Venter
Subject: Re: SE3125: Great Karoo Cluster Projects - Information Session (02 December 2021)RE:
Re:
Attachments: image001.png

No problem, thanks for letting me know.

Anytime you welcome.

D Jantjies

On Wed, 24 Nov 2021, 03:44 Nicolene Venter, <nicolene@savannahsa.com> wrote:

Hi Mr Jantjies,

No problem – we can arrange a MS Teams meeting with your group. Would you prefer MS Teams or Zoom?

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant

e: nicolene@savannahsa.com
c: +27 (0)60 978 8396

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From: Click J7 <ddjantjies@gmail.com>

Sent: Wednesday, 24 November 2021 03:36

To: Nicolene Venter <nicolene@savannahsa.com>

Subject: Re: SE3125: Great Karoo Cluster Projects - Information Session (02 December 2021)RE: Re:

Hai Nicolene

We are base in Victoria west my dear

D Jantjies

On Wed, 24 Nov 2021, 03:33 Nicolene Venter, <nicolene@savannahsa.com> wrote:

Dear Mr Jantjies,

Thank you for the information provided below.

I recommend that you meet the project team on Thursday, 02 December 2021 any time between 14h00 and 17h00 at the Showgrounds Hall, Richmond (should you stay in Richmond or in close proximity).

We having a poster display to share information with interest groups and community members. However, please note that to be compliant to COVID-19 we can only accommodate 12 people at a time.

Should you wish to book a specific time slot, please let me know and I can try to secure that time with either myself or one of the other two colleagues.

Please also inform me what is your first name.

Kind regards,

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From: Click J7 <ddjantjies@gmail.com>
Sent: Wednesday, 24 November 2021 03:27
To: Nicolene Venter <nicolene@savannahsa.com>
Subject: Re: Re:

Hai Nicolene

Co - ordinator for a Non Profit Company

Ubuntu Youth Forum Foundation (NPC)

Contact - 081 077 3269

D Jantjies

On Wed, 24 Nov 2021, 03:06 Nicolene Venter, <nicolene@savannahsa.com> wrote:

Mr Jantjies,

I will call you this morning around 08h30 – please email me the following information to be capture on the projects' databases:

- Name
- Position at Ubuntu Local Municipality
- Office number (if available)
- Mobile number

Kind regards,

Nicolene Venter

Public Participation and Social
Consultant

t: +27 (0)11 656 3237

f: +27 (0) 86 684 0547

e: nicolene@savannahsa.com

c: +27 (0)60 978 8396

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This email has been scanned for viruses and malware, and automatically archived by **Mimecast SA (Pty) Ltd**, and is believed to be clean.

From: Click J7 <ddjantjies@gmail.com>
Sent: Wednesday, 24 November 2021 03:04
To: Nicolene Venter <nicolene@savannahsa.com>
Subject: Re:

Thank you for the update.

D Jantjies

On Wed, 24 Nov 2021, 03:01 Nicolene Venter, <nicolene@savannahsa.com> wrote:

Dear Mr Jantjies,

My apologies for only responding now – they have been installing fibre at our Office complex and there were interruptions.

I will reschedule the meeting with the Pixley ka Seme District and Ubuntu Local Municipal Officials.

Kind regards,

	Nicolene Venter
	Public Participation and Social Consultant
t: +27 (0)11 656 3237	e: nicolene@savannahsa.com
f: +27 (0) 86 684 0547	c: +27 (0)60 978 8396

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From: Click J7 <ddjantjies@gmail.com>
Sent: Tuesday, 23 November 2021 12:37
To: Nicolene Venter <nicolene@savannahsa.com>
Subject:

Hai Nicolene

Please provide us with the link please

D Jantjies

Savannah Public Process

From: eben anthonissen <ebenanthonissen@hotmail.com>
Sent: Tuesday, 23 November 2021 10:51
To: Savannah Public Process
Subject: Re: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Goeie more Nicolene,

Kan jy asb vir my die link van die bogenoemde vergadering aanstuur?

Groetnis

Eben Anthonissen
Environmental Comm.
073 163 4665



From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Wednesday, 10 November 2021 17:04
To: Eben Anthonissen <ebenanthonissen@hotmail.com>
Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,
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Nicolene Venter

Public Process

t: 011 656 3237

f: 086 684 0547

e: publicprocess@savannahsa.com

c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Savannah Public Process

From: Mariette Liefferink <mariette@pea.org.za>
Sent: Monday, 22 November 2021 16:11
To: Nicolene Venter; Savannah Public Process; Mmakoena Mmola; Tamryn Lee Goddard
Cc: Nondumiso Bulunga
Subject: RE: GREAT KAROO RENEWABLE ENERGY CLUSTER: Invitation to Key Stakeholder Workshop

Dear Nicolene,

The FSE thanks you sincerely for the invitation to the Workshop.

Regrettably, we are not in the position to attend due to previous commitments.

Please keep us informed.

Best Regards
Mariette Liefferink
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT
TEL. (+27) 11 465 6910
(+27) 73 231 4893
Postnet Suite #113, Private Bag X153, Bryanston, 2021
E-MAIL: mariette@pea.org.za

PLEASE NOTE: The FSE wants to ensure that your information is accurate and up to date. You may ask us to correct or remove any information that you think is inaccurate, by sending us an email to mariette@pea.org.za. You have the right to request us to provide you with information that we hold about you. You can contact us directly to do so or send an email to mariette@pea.org.za. We retain information in accordance with the required retention periods in law or with regard to matters in which the FSE has a legitimate interest. We will only retain your information for the purposes explicitly set out in the FSE's Privacy Policy, which can be accessed on the FSE's website (www.fse.org.za).

-----Original Appointment-----

From: Nicolene Venter <nicolene@savannahsa.com>
Sent: 22 November 2021 03:59 PM
To: Savannah Public Process; Mmakoena Mmola; Tamryn Lee Goddard
Cc: Nondumiso Bulunga
Subject: GREAT KAROO RENEWABLE ENERGY CLUSTER: Invitation to Key Stakeholder Workshop
When: 23 November 2021 11:00 AM-12:30 PM (UTC+02:00) Harare, Pretoria.
Where: Microsoft Teams Meeting
Importance: High

Dear Key Stakeholders,

Just a friendly reminder of the Key Stakeholder Workshop taking place tomorrow, Tuesday, 23 November 2021 at 11h00 (we had move the meeting 30min earlier to end before lunch time).

Thank you to those Key Stakeholders who already RSVP and we urged those who had not yet done so to please at your earliest convenience.

The team is looking forward to a fruitful meeting.

Kind regards,

Nicolene Venter

Dear Key Stakeholders,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, including Electrical Grid Infrastructure (EGI), ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms. The grid connection infrastructure for all projects will include one central collector 132kV substation and a double circuit 132kV power line to the existing Eskom Gamma Substation, located within the Western Cape Province.

Savannah Environmental has been appointed as the independent environmental assessment practitioner to manage the application for Environmental Authorisation (EA) and undertaking the Environmental Impact Assessment (IEIA) Process required to identify and assess potential environmental impacts associated with the project, as well as propose appropriate mitigation and management measures to be contained within the Environmental Management Programme (EMPr).

We would like to take this opportunity to invite you to the Key Stakeholder Workshop (KSW) taking place on **Tuesday, 23 November 2021 at 11h30 via MS Teams**. By attending the KSW it would provide you with the opportunity to hear other key stakeholders comments, contributions and viewpoints regarding the applications.

The purpose of the KSW is to present the following to you as Key Stakeholders:

- brief background to the proposed projects;
- an overview of the EIA processes followed for the scoping phase;
- a summary of the key environmental findings as documented in the Scoping Reports;
- an opportunity to seek clarity and raise comments and/or concerns; and
- to record comments raised at the KSW.

Should you not be able to attend the KSW, you are most welcome to forward this invitation to your colleague to attend the KSW on your behalf.

Just a friendly reminder that the Scoping Reports in support of the Applications for the EAs have been compiled and are available for your review and comment. Visit our website on <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/> - the release code for all the Reports is VtUvOs4x

The review and comment period for the Scoping Reports commenced on **Friday, 12 November 2021** and is ending on **Monday, 13 December 2021**.

You are kindly requested to submit any questions that you would want the project team to respond to at the KSW to us prior to the meeting.

Please do not hesitate to contact us should you require any additional information.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant

e: nicolene@savannahsa.com
c: +27 (0)60 978 8396

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Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

[Learn More](#) | [Meeting options](#)

Savannah Public Process

From: Savannah Public Process
Sent: Tuesday, 07 December 2021 17:02
To: 'Reuben Maroga'
Cc: Abigail Forbes
Subject: SE3125: Great Karoo Cluster - Release Code

Dear Reuben,

Apologies for responding only now – our registration process on our website has been automated and when you register on a project, the release code will be e-mailed to you immediately.

For ease of reference, herewith the release code VtUvOs4x

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Reuben Maroga <reuben@solagroup.co.za>
Sent: Friday, 19 November 2021 11:18
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: Abigail Forbes <abigail.forbes@solagroup.co.za>
Subject: Re: Request for Registration as an I&AP on Projects

Good Day Nicolene,

Yes, we did receive the notification.

Can we perhaps have a password to gain access to the scoping reports ?

Best Regards

Reuben Maroga
Permitting Specialist

Telephone: +27 10 597 3538
Mobile: +27 71 146 1820
Email: reuben@solagroup.co.za

SOLA



On Fri, Nov 19, 2021 at 2:20 AM Savannah Public Process <publicprocess@savannahsa.com> wrote:

Dear Reuben,

Can you please confirm whether you received the attached notification that the Scoping Reports for the Great Karoo Cluster is available for review and comment?

The Scoping Reports are available on our website <https://savannahsa.com/public-documents/energy-generation/great-karoo-wef/>

Kind regards,

savannah
environmental

t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
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This email has been scanned for viruses and malware, and automatically archived by **Mimecast SA (Pty) Ltd**, and is believed to be clean.

From: Reuben Maroga <reuben@solagroup.co.za>
Sent: Friday, 05 November 2021 16:03
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: Katherine Persson <katherine@solagroup.co.za>; Abigail Forbes <abigail.forbes@solagroup.co.za>
Subject: Request for Registration as an I&AP on Projects

Good Day,

Kindly consider our request to be registered as an I&AP on the following projects:

- Great Karoo Cluster of Renewable Energy Facilities
- Houthaalboomen PV Cluster

For the registration process, please use the email address below:

iap@solagroup.co.za

Let me know if anything further is required on our end, I will be glad to assist.

Best Regards

Reuben Maroga
Permitting Specialist
Telephone: +27 10 597 3538
Mobile: +27 71 146 1820
Email: reuben@solagroup.co.za

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Disclaimer: The information contained in this communication is confidential and may be legally privileged. It is intended solely for the person or entity to whom or which it is addressed. If you think you received this email in error, please email admin@solagroup.co.za.

Nicolene Venter

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Monday, 06 December 2021 13:53
To: Pieter Ackerman
Cc: Nicolene Venter
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports
Attachments: SE3125-Great_Karoo_PVWEF_Cluster_SR-FINAL.pdf
Follow Up Flag: Follow up
Flag Status: Completed

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

DFFE Reference Numbers

Angora Wind Farm: 14/12/16/3/3/2/2113
Merino Wind Farm: 14/12/16/3/3/2/2114
Nku Solar PV: 14/12/16/3/3/2/2115
Moriri Solar PV: 14/12/16/3/3/2/2116
Kwana Solar PV: 14/12/16/3/3/2/2118

Dear Stakeholder and Interested & Affected Party,

With reference to the attached notification letter sent on Friday, 12 November 2021, this e-mail serves to inform you that the review and comment period for the Scoping Reports are ending on **Monday, 13 December 2021**.

As you may recall, the review and comment period for the Scoping Reports commenced on Friday, 12 November 2021.

The Scoping Reports are available on our website [click here](#)

Thank you to those Stakeholders and Interested and Affected Parties who submitted their written comments and those who had not yet to please do so before on **Monday, 13 December 2021**.

Kind regards,

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t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

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APPENDIX C7:
Comments Received

Comments received on EIA Report
(To be included in the final EIA Report)

SCOPING PHASE



Mvelaphande Trading
P/A C Schutte
3 La Motte
Bayswater
Bloemfontein
9301

Enquiries: Chris Schutte
Telephone: 078 741 5862
E-mail: Schutce5@telkom.co.za

Our Ref no: CRHC0634-21

Your Ref: Kwana Solar PV Facility

04 November 2021

SAVANNAH ENVIROMENTAL
PO Box 148
Sunninghill
2157

FOR ATTENTION: Nicolene Venter

PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

With reference to your above- mentioned application, I hereby confirm that the proposed work installation is approved in terms of Section 29 of the Electronic Communications Act No. 36 of 2005 as amended.

No infrastructure of our Client (Openserve) will be affected by this proposal. **We did our utmost to ensure that we indicate our route as accurate as possible and should you discover any of our cables that is not on the sketch please stop and contact us immediately to arrange a site meeting. In the event that our cables are exposed and damaged/stolen by a third party the damages will be repaired at the customer's account. Please make use of pilot holes in order not too damage our infrastructure.** Therefore any damages occurred during construction of work will be repaired at the customer's account.

Although we are not affected by this proposal, Mr Vivian Groenewald must be contacted at telephone number 081 362 6738 from our Network Field Services. Two (2) weeks prior to commencement of proposed work.

Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval.

Any changes/deviations from the original planning during or prior to construction must immediately be communicated to this office.

On completion of this project, please certify that all requirements as stipulated in this letter have been met. Please note that should any of our Client (Openserve) infrastructure has to be relocated or altered as a result of your activities the cost for such alteration or relocation will be for your account in terms of section 25 of the Electronic Communication Act.

Mr Vivian Groenewald must be contacted at telephone number 081 362 6738. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.

Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval. Any changes / deviations from the original planning during or prior to construction must immediately be communicated to this office.

Please notify this office and forward an as built plan, within 30 days of completion of construction.

Mr Vivian Groenewald must be contacted at telephone number 081 362 6738. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.

Yours sincerely



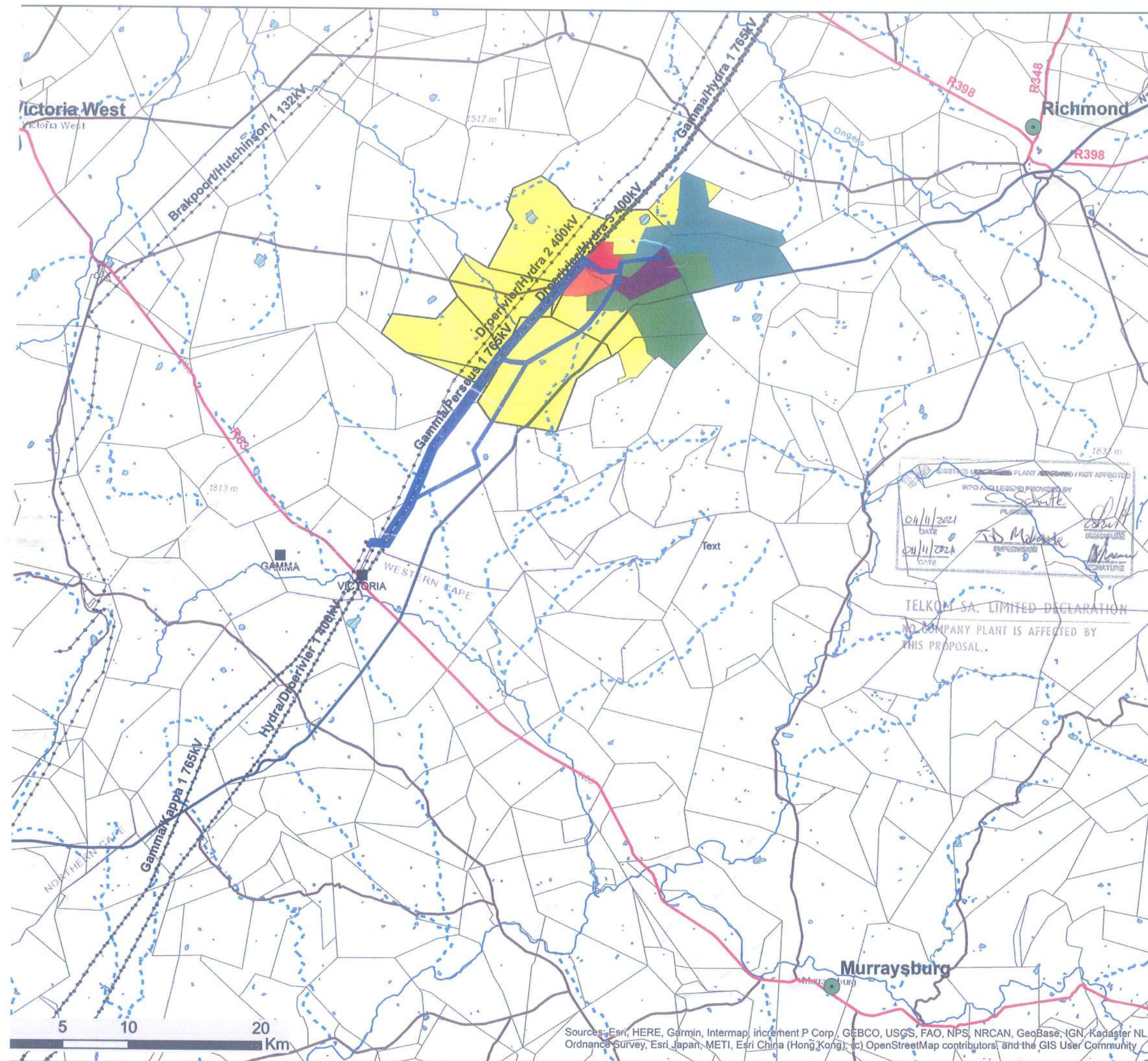
CHRIS SCHUTTE

Proposed Greater Karoo Renewable Energy Cluster, Richmond, Northern Cape Prov

Locality Map

Legend

- Towns
- Eskom Substation
- Existing Power Line
- Main Road
- National Road
- Regional Road
- Non-Perennial River
- Perennial River
- NFEPA Wetlands
- Great Karoo Development A
- Grid Connection Corridor 3C
- Angora Wind Energy Facility
- Merino Wind Energy Facility
- Nku Solar PV
- Moriri Solar PV
- Kwana Solar PV
- Farm Portions

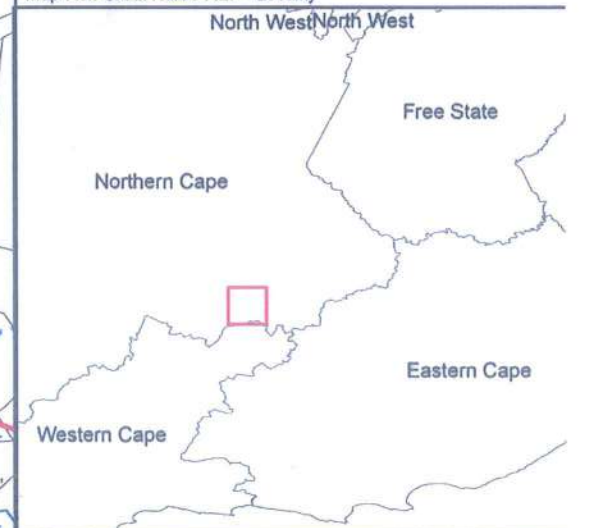


EXISTING LEGISLATION PLANT AFFECTED / NOT AFFECTED
 INFO AND LEGEND PROVIDED BY
 C. Schutte
 DATE 04/11/2021
 J.S. Malan
 DATE 04/11/2021

TELKOM SA. LIMITED DECLARATION
 NO COMPANY PLANT IS AFFECTED BY THIS PROPOSAL.

savanna
environment

Scale: 1: 278 171
 Projection: WGS_1984
 Map Ref: Great Karoo REF - Locality



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Savannah Public Process

From: Savannah Public Process
Sent: Sunday, 14 November 2021 15:07
To: 'Nick Fox Sibuya Game Reserve'
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Locality Map & Website link
Attachments: Great Karoo BID Locality Map.rev3.pdf

Dear Nick,

There was a technical matter with our website and this has been resolved.

To download the Scoping Report and Appendices herewith the link <https://savannahsa.com/public-documents/energy-generation/the-great-karoo-cluster-of-renewable-energy-facilities/> and the release code is VtUvOs4x

Please find attached the locality map.

Please do not hesitate to contact me should you require any additional information.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Nick Fox Sibuya Game Reserve <nickfox@sibuya-gamereserve.co.za>
Sent: Friday, 12 November 2021 12:34
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Hi

I am having a problem accessing the downloads despite code
Can you please send an area map

Kind regards,

Nick Fox

SIBUYA GAME RESERVE & LODGE (PTY) LTD
PO Box 31 Kenton-on-Sea 6191 South Africa
Tel: +27(0)46 648 2020 Fax: +27 (0)46 648 2114
Cell: 083 648 2020
nickfox@sibuya.co.za www.sibuya.co.za



From: Savannah Environmental Public Process <publicprocess@savannahsa.com>

Sent: 10 November 2021 05:01 PM

To: Nick Sibuya <nickfox@sibuya-gamereserve.co.za>

Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

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Nicolene Venter

Public Process

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Department of Forestry, Fisheries and the Environment

Directorate: Biodiversity Conservation



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: Great Karoo Cluster RE
Enquiries: Ms. Aulicia Maifo/Mrs. Portia Makitla
Telephone: 012 399 9411/9627 **E-mail:** pmakitla@environment.gov.za

Ms Nicolene Venter
Savannah Environmental
PO Box 148
SUNNINGHILL
2157

Telephone Number: +27 (11) 656 3237
Email Address: publicprocess@savannahsa.com

PER E-MAIL

Dear Ms., Venter

COMMENTS ON THE DRAFT SCOPING REPORTS FOR GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE

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

The Directorate: Biodiversity Conservation has reviewed and evaluated the report and does not have any objections to the Draft Scoping Report & Plan of Study provided that all relevant National and Provincial biodiversity guidelines will be considered in the final report.

NB: The Public Participation Process documents related to Biodiversity EIA for review and queries should be submitted to the Directorate: Biodiversity Conservation at Email; BCAdmin@environment.gov.za for attention of Mr. Seoka Lekota.

Yours faithfully

Mr Seoka Lekota
Control Biodiversity Officer Grade B: Biodiversity Conservation
Department of Forestry, Fisheries & the Environment
Date: 10/12/2021



Batho pele- putting people first

Department of Water and Sanitation

Savannah Public Process

From: Savannah Public Process
Sent: Wednesday, 17 November 2021 09:11
To: 'Ackerman Pieter'
Cc: Nondumiso Bulunga; Tumelo Mathulwe
Subject: SE3125: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Response re WUL

Tracking:	Recipient	Delivery
	'Ackerman Pieter'	
	Nondumiso Bulunga	Delivered: 2021/11/17 09:11
	Tumelo Mathulwe	Delivered: 2021/11/17 09:11

Dear Pieter,

Thank you for your e-mail below.

The water use authorisation application process will be initiated once positive Environmental Authorisations (EAs) have been received and the projects are selected as Preferred Bidder under the Renewable Independent Power Producer Programme (REIPPPP) or similar programme.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Participation and Social
Consultant

e: publicprocess@savannahsa.com
c: +27 (0)60 978 8396

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From: Ackerman Pieter <AckermanP@dws.gov.za>
Sent: Thursday, 11 November 2021 07:35
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

Hi

Please apply for water use authorisation where necessary.

Attached is the Section 21 c and I water uses checklist

Regards

Pieter Ackerman (PrLArch)
Chief Landscape Architect
Department of Water and Sanitation (DWS), South Africa
Sub Directorate Instream Water Use
Tel: 012 336 8217
Cell: 082 807 3512
Fax: 012 336 6608



water & sanitation
Department
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

**Taking a five-minute shower a day
instead of a bath, will use a third
of the water, saving up to 400 lit
of water a week.**

From: Savannah Environmental Public Process [<mailto:publicprocess@savannahsa.com>]

Sent: 10 November 2021 04:59 PM

To: Ackerman Pieter <AckermanP@dws.gov.za>

Subject: GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES: Notification of Availability of Scoping Reports

**GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE
NEAR RICHMOND, NORTHERN CAPE PROVINCE
(DFFE Reference Nos.: To be Issued)**

Dear Stakeholder and Interested & Affected Party,

Great Karoo Renewable Energy (Pty) Ltd proposes the development of a cluster of renewable energy facilities and associated infrastructure, ~35km South-West of the town of Richmond along the N1 and 80km South-East of Victoria West along the R63 in the Northern Cape Province. The cluster consists of three (3) 100MW solar photovoltaic (PV) energy facilities, and two (2) 140MW wind farms.

Please find attached for your perusal the notification letter informing you of the availability of the Scoping Reports for your review and comments. The Scoping Reports are available for downloading from our website [click here](#).

Please do not hesitate to contact us should you require any additional information and/or clarification regarding these projects.

Our team welcomes your participation and look forward to your involvement throughout the Basic Assessment Process.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547

Nicolene Venter

Public Process

e: publicprocess@savannahsa.com

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SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015



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: 14/12/16/3/3/2/2116

Enquiries: Ms Thabile Sangweni

Telephone: (012) 399 9409 **E-mail:** TSangweni@dffe.gov.za

Ms Jo-Anne Thomas
Savannah Environmental (Pty) Ltd
PO Box 148
SUNNINGHILL
2191

Telephone Number: 011 656 3237
Email Address: joanne@savannahsa.com

PER E-MAIL

Dear Ms Thomas

COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED MORIRI SOLAR PV FACILITY IN THE NORTHERN CAPE PROVINCE

The Application for Environmental Authorisation and draft Scoping Report (SR) dated November 2021 and received by the Department on 12 November 2021, refer.

This letter serves to inform you that the following information must be included in the final Scoping Report:

(a) Listed Activities

- (i) 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.
- (ii) If the activities applied for in the application form differ from those mentioned in the final SR, 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>.
- (iii) It is imperative that the relevant authorities are continuously involved throughout the 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.

(b) Alternatives

- (i) Please provide a description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity as per Appendix 2 of GN R.982 of 2014 (as amended).

- (ii) Alternatively, you should submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist in terms of Appendix 2.

(c) Public Participation Process

- (i) Please ensure that all issues raised and comments received during the circulation of the draft SR from registered I&APs and organs of state (including this Department's Biodiversity Section), which have jurisdiction in respect of the proposed activity are adequately addressed in the final SR.
- (ii) Proof of correspondence with the various stakeholders must be included in the final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.
- (iii) The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 & 44 of the EIA Regulations 2014, as amended and as per the approved PP Plan.
- (iv) A comments and response trail report (C&R) must be submitted with the final SR. The C&R report must incorporate all historical comments for this development. The C&R 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.
- (v) 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 I&AP's comments.
- (vi) The final SR must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development particularly the Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform, and the District and Local Municipalities.
- (vii) 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 SR.

(d) Layout & Sensitivity Maps

- (i) Please provide a layout map which indicates the following:
 - a) Positions of the proposed facility as well as all associated infrastructure;
 - b) Permanent laydown area footprint;
 - c) All supporting onsite infrastructure e.g. roads (existing and proposed);
 - d) Substation(s) and/or transformer(s) sites including their entire footprint;
 - e) Connection routes (including pylon positions) to the distribution/transmission network; and
 - f) All existing infrastructure on the site.
- (ii) Please provide an environmental sensitivity map which indicates the following:
 - a) The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected;
 - b) Buffer areas; and,
 - c) All "no-go" areas.
- (iii) The above layout map must be overlain with the sensitivity map and a cumulative map which shows neighbouring energy developments and existing grid infrastructure.

(e) Specialist Assessments

- (i) The EAP must ensure that the terms of reference for all the identified specialist studies must include the following:
 - a) A detailed description of the study's methodology; indication of the locations and descriptions of the development footprint, and all other associated infrastructures that they have assessed and are recommending for authorisation.

- b) Provide a detailed description of all limitations to the studies. All specialist studies must be conducted in the right season and providing that as a limitation will not be accepted.
- c) Please note that the Department considers a 'no-go' area, as an area where no development of any infrastructure is allowed; therefore, no development of associated infrastructure including access roads is allowed in the 'no-go' areas.
- d) Should the specialist definition of 'no-go' area differ from the Department's definition; this must be clearly indicated. The specialist must also indicate the 'no-go' area's buffer if applicable.
- e) **All specialist studies must be final, and provide detailed/practical mitigation measures for the preferred alternative and recommendations, and must not recommend further studies to be completed post EA.**
- f) Should a specialist recommend specific mitigation measures, these must be clearly indicated.
- g) Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expert advice.
- (ii) 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 must be conducted in accordance with these protocols.**
- (iii) As such, the Specialist Declaration of Interest forms must also indicate the scientific organisation registration/member number and status of registration/membership for each specialist.

(f) Cumulative Assessment

- (i) If there are other similar facilities (current or proposed) within a 30km radius of the proposed development site, a cumulative impact assessment must be conducted for all identified and assessed impacts which must 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.

(g) Specific comments

- (i) The approved PP plan with the approval email must be submitted with the final SR and must be included as an Appendix under the Public Participation Process.
- (ii) Proof of landowner consent by the applicant must be submitted with the final SR.

You are further reminded to comply with Regulation 21(1) of the NEMA EIA Regulations 2014, as amended, which states that:

“If S&EIR must be applied to an application, the applicant must, within 44 days of receipt of the application by the competent authority, submit to the competent authority a scoping report which has 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”

You are further reminded that the final SR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of Scoping Reports in accordance with Appendix 2 and Regulation 21(1) of the EIA Regulations 2014, as amended.

Further 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 timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).

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 faithfully



Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment
Letter signed by: Mr Coenrad Agenbach
Designation: Director: Priority Infrastructure Projects
Date: 02 December 2021

cc:	Romaya Dorasamy	Great Karoo Renewable Energy (Pty) Ltd	romaya@greatkaroo.energy
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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
27/01/2016 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

Our Ref:



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 17542

Date: Friday December 03, 2021
Page No: 1

Interim Comment

In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Savannah Environmental (Pty) Ltd

PO Box 148
Sunninghill
2157

Great Karoo Renewable Energy (Pty) Ltd is proposing the construction and operation of a photovoltaic (PV) solar energy facility and associated infrastructure on Portion 0 of Farm Rondavel 85, located approximately 35km south-west of Richmond and 80km south-east of Victoria West, within the Ubuntu Local Municipality and the Pixley Ka Seme District Municipality in the Northern Cape Province. A preferred project site with an extent of ~29 909ha and a development area of ~577ha within the project site has been identified by Great Karoo Renewable Energy (Pty) Ltd as a technically suitable area for the development of the Moriri Solar PV Facility with a contracted capacity of up to 100MW. The Moriri Solar PV Facility project site is proposed to accommodate the following infrastructure, which will enable the facility to supply a contracted capacity of up to 100MW: Solar PV array comprising PV modules and mounting structures. Inverters and transformers. Cabling between the panels. 33/132kV onsite facility substation. Cabling from the onsite substation to the collector substation (either underground or overhead). Electrical and auxiliary equipment required at the collector substation that serves that solar energy facility, including switchyard/bay, control building, fences, etc. Battery Energy Storage System (BESS). Site offices and maintenance buildings, including workshop areas for maintenance and storage. Laydown areas. Access roads and internal distribution roads. The solar PV facility is proposed in response to the identified objectives of the national and provincial government and local and district municipalities to develop renewable energy facilities for power generation purposes. It is the developer's intention to bid for the Moriri Solar PV Facility under the Department of Mineral Resources and Energy's (DMRE's) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme, with the aim of evacuating the generated power into the national grid. This will aid in the diversification and stabilisation of the country's electricity supply, in line with the objectives of the Integrated Resource Plan (IRP) with the Moriri Solar PV Facility set to inject up to 100MW into the national grid. The project is planned as part of a larger cluster of renewable energy projects, which include two (2) 140MW Wind Energy Facilities (known as Merino Wind Farm and Angora Wind Farm) two (2) additional 100MW PV facilities (known as Nku Solar PV and Kwana Solar

Proposed Moriri Solar PV Facility to be developed as part of the Great Karoo Renewable Energy Development near Richmond in the Northern Cape



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CaseID: 17542

Date: Friday December 03, 2021
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PV), as well as the grid connection infrastructure connecting the renewable energy facilities to the existing Eskom Gamma Substation.

Savannah Environmental (Pty) Ltd has been appointed by Great Karoo Renewable Energy (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed establishment of the Moriri Solar PV Facility on Portion 0 of Farm Rondavel 85, near Richmond, Northern Cape Province.

A draft Scoping Report (DSR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the EIA Regulations. The proposed activities include the construction of a solar PV array, inverters and transformers, cabling between panels, 33/132 kV on site substation, switchyard, control building, fences, battery energy storage system, site and maintenance offices, workshop areas, laydown areas, access roads and internal distribution roads.

CTS Heritage has been appointed to provide heritage specialist input into the EA process as per section 24(4)b(iii) of the NEMA and section 38(3) and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Lavin, J. 2021. Desktop Heritage Screening Assessment for the Proposed Moriri Solar PV Facility to be developed as part of the Great Karoo Renewable Energy Development near Richmond in the Northern Cape.

The proposed project footprint has not been previously subjected to heritage assessments and therefore gaps in the knowledge of the heritage in the area exist. The surrounding areas are known to contain Stone Age lithic occurrence, rock art, historical farming heritage resources and colonial history. Additionally, it is very likely that the proposed development will have a negative impact on the cultural and scenic value of the landscape. The SAHRIS PalaeoSensitivity map shows the proposed project footprint is located in an area of moderate and very high sensitivity for palaeontological resources.

Recommendations provided in the report include the following:

- Archaeological field surveys must provide sufficient ground-coverage of the areas to be developed to be able to determine the nature of the resources likely to be impacted. Palaeontological and cultural landscape field surveys will target sensitive geological and cultural landscape features.

Interim Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit notes the pending assessment of the

Proposed Moriri Solar PV Facility to be developed as part of the Great Karoo Renewable Energy Development near Richmond in the Northern Cape

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impact to heritage resources and requests that the assessment comply with section 38(3) of the NHRA. The Heritage Impact Assessment (HIA) must contain an archaeological component that must be conducted by a qualified archaeologist and the report comply with the SAHRA 2007 Minimum Standards: Archaeological and Palaeontological Components of Impact Assessment Reports.

The proposed development is located within an area of very high and moderate Palaeontological Sensitivity as per the SAHRIS PalaeoSensitivity map. As such, a field-based Palaeontological Impact Assessment (PIA) must be undertaken by a qualified palaeontologist. (See <https://www.palaeosa.org/heritage-practitioners.html> for a list of qualified palaeontologists). The report must comply with the 2012 Minimum Standards: Palaeontological Components of Heritage Impact Assessments.

Any other heritage resources as defined in section 3 of the NHRA that may be impacted, such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

Previous comments regarding buffers from scenic routes in the Northern Cape must be taken into consideration during the assessment on the cultural landscape or viewsapes, and the results of the Visual Impact Assessment must be incorporated into the HIA.

Further comments will be issued upon receipt of the above requested reports and the draft EIA with all appendices.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

Proposed Moriri Solar PV Facility to be developed as part of the Great Karoo Renewable Energy Development near Richmond in the Northern Cape

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Phillip Hine
Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/588967>

APPENDIX C8
MINUTES OF MEETINGS

Minutes of meeting to be included in the final EIA Report

SCOPING PHASE

**ENVIRONMENTAL IMPACT ASSESSMENT AND
PUBLIC PARTICIPATION PROCESSES
FOR THE
GREAT KAROO CLUSTER OF RENEWABLE ENERGY
FACILITIES NEAR RICHMOND, NORTHERN CAPE
PROVINCE**

DFFE Reference Numbers:

Angora Wind Farm:	14/12/16/3/3/2/2113
Merino Wind Farm:	14/12/16/3/3/2/2114
Nku Solar PV:	14/12/16/3/3/2/2115
Moriri Solar PV:	14/12/16/3/3/2/2116
Kwana Solar PV:	14/12/16/3/3/2/2118

**MEETING NOTES OF KEY STAKEHOLDER WORKSHOP
HELD ON TUESDAY, 23 NOVEMBER 2021 AT 11:00
VENUE: MICROSOFT TEAMS, VIRTUAL MEETING**

Notes for the Record prepared by:

Nicolene Venter

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

*Please note that these notes are not verbatim, but a summary of the comments submitted at the meeting.
Please address any comments to Savannah Environmental at the above address*

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES NEAR RICHMOND, NORTHERN CAPE PROVINCE

MEETING ATTENDEES

Name	Position
Agri Northern Cape	
Eben Anthonissen	Environmental Committee
Air Traffic & Navigation Services	
Simphiwe Masilela	Obstacle Evaluator
Department of Forestry, Fisheries and the Environment: Directorate Biodiversity Conservation	
Portia Makitla	Mainstreaming EIA
Aulicia Maifo	Mainstreaming EIA
Northern Cape Provincial Authority	
Babalwa Mbobo	Renewable Energy Specialist (attended in private capacity)
South African Civil Aviation Authority	
Zwelithini Vilakazi	Inspector: PANS-OPS & Cartography
Gugulethu Khanyile	
South African Weather Services	
Zamikhaya Magogotya	Radar Specialist
Puseletso Mofokeng	Snr Forecaster (attended in private capacity)
Attendees: Unknown Affiliation and not formally registered on MS Teams Conversation Platform	
Doris Khoza	
Great Karoo Renewable Energy (Pty) Ltd	
Romaya Dorasamy	Developer
Savannah Environmental	
Mmakoena Mmola	Environmental Assessment Practitioner
Nicolene Venter	Public Participation and Social Consultant

APOLOGIES

Willem Symington: Agri Northern Cape
Lizel Stroh: South African Civil Aviation Authority
Bernard Petlane: South African Weather Services

The list of invitees and the Attendance Record is attached as **Appendix A** to the workshop notes.

PRESENTATION

Nicolene Venter welcomed the attendees at the Key Stakeholder Workshop (KSW) and thanked them for their attendance.

Mmakoena Mmola presented the following:

- project description for the proposed Great Karoo Cluster of Renewable Energy Facilities;
- the Scoping Phase and public participation processes followed to date;
- the environmental studies undertaken;

- summary of the key environmental results as documented in the various Scoping Reports; and
- Plan of Study for the Environmental Impact Assessment (EIA) Phase.

Nicolene Venter informed the attendees that it is important to note that the public participation process is an ongoing process and commences when site notices are erected at the various development sites and with the distribution of the Background Information Document (BID) and is not limited to the 30-day review and comment period of the various Scoping Reports. The public participation process is only concluded once registered Interested and Affected Parties are notified of the Department of Forestry, Fisheries and the Environment's (DFFE) decision to issue Environmental Authorisations for the projects.

She ended the presentation by providing the way forward on the EIA and consultation process.

The presentation is attached as **Appendix B** to the meeting notes.

DISCUSSION SESSION

Question / Comment	Response
Zamikhaya Magogotya	
<p>Informed the project team that there would be no interference with the South African Weather Services (SAWS) as the closest radar to the proposed developments is located in De Aar, which is approximately 80km in line of sight to the radar, and as such, the SAWS does not have any issues with the proposed developments and will not be submitting any written comments on the Scoping Reports.</p>	<p>Nicolene Venter thanked Mr Magogotya for the information shared with the project team and stated that it is noted that no written comments would be received from the SAWS.</p>
Portia Makilla	
<p>Informed the project team that the Biodiversity Conservation Directorate would like to put forward this comment:</p>	<p>Nicolene Venter acknowledged the comment that the DFFE: Biodiversity Conservation Directorate does not support the development of infrastructure within areas of high and very ecological sensitivity.</p>
<ul style="list-style-type: none"> • Stated that it was noted from the presentation that the site will affect areas of high and very high ecological sensitivity, and that the Biodiversity Conservation Directorate is not in support on any development infrastructure in very high sensitivity areas. Asked whether it would be possible to mitigate impacts on high sensitivity areas to an acceptable level (i.e., medium – low)? 	<p>Mmakoena Mmola responded as highlighted already, the aim of the scoping phase is for the specialists to identify sensitivities within the different development areas based on desktop studies and in-field assessments.</p> <p>The purpose of identifying these sensitivities is so that they may inform the final layout. There is no facility layout at this stage of the process, but a layout will be determined using the identified sensitivities and presented in the EIA Phase.</p>

	In designing the layout, the developer will ensure that no infrastructure falls within areas deemed as being of very high and high sensitivity, as well as no-go zones. Where sensitive areas cannot be avoided, specifically areas rated as being of medium sensitivity, mitigation measures will be proposed for implementation during construction and operations to minimize the impact significance on these features.
<ul style="list-style-type: none"> Stated that it was also noted from the presentation that there are no buffer zones recommended around the CBA 1 and other sensitive areas. Asked why the specialist did not recommend any buffer zones around these areas, and whether buffer zones around the CBA 1 and other sensitive features will be recommended in the Final Scoping Reports or the EIA Reports? 	Mmakoena Mmola responded that the Ecological Specialist has not specifically recommended buffers around sensitive features at this stage of the process. She also stated that the specialist highlighted that the sensitive features they identified are most likely they same as the sensitive features identified by the Freshwater specialists and that any buffer zones recommended from a freshwater perspective would also be applicable from an ecological perspective.
Asked that Savannah Environmental, when drafting the final Scoping Reports, I consider the contents of the Revised Best Practice Renewable Energy Guideline for EIAs.	Mmakoena Mmola confirmed that the team will take the Guideline into consideration when drafting the final Scoping Reports.
Eben Anthonissen	
Informed the project team that reference was made to invasive plant species in the presentation, and it was asked what type of plant species these would be, and what would be implemented in order to manage the volume of such invasion.	<p>Mmakoena Mmola replied that the list of species can unfortunately not be listed at the workshop but the information is available in the ecological report which is appended to the Scoping Report.</p> <p>She added that when compiling the Environmental Management Programme (EMPr) during the EIA Phase, a recommendation that the developer should develop an Alien Invasive Management Programme for implementation during construction and operations will be included.</p>
Indicated that they are almost certain that there would be Water Use License application lodged for these projects and asked where water will be sourced for the projects (i.e., groundwater or surface water) and the process with regard to that.	Mmakoena Mmola responded that the requirement for a Water Use Authorisation would most likely be triggered by the fact that the project infrastructure falls within the 500m regulated area from the boundary of wetland features. Therefore, at this stage of the process, the water uses likely to be triggered by the proposed projects are Section 21(c) and (i) water uses.

	<p>She added that water for the construction and operation phases will be supplied by the municipality. In addition, where possible, borehole water will be used. Should water availability at the time of construction be limited, water will be transported to site via water tanks. Water will be used for sanitation and potable water on site as well as construction works. It is therefore not foreseen that Section 21(a) of the National Water Act will be triggered by these projects.</p>
<p>Indicated that the area proposed to be developed is large and that the projects will be in a high security area. Asked whether there will be any interaction with the various landowners with regard to the management of predator species on smaller livestock or whether there will be plans and SOPs being implemented to assist in managing these predator species.</p> <p>Mentioned that this impact would also have a socio-economic impact on landowners and must be addressed by the specialist.</p>	<p>Romaya Dorasamy replied that they are in regular consultation with the directly affected and adjacent landowners and the security matter per site will be addressed in a phased approach as the projects will most likely not be constructed at the same time.</p> <p>Mmakoena Mmola acknowledged the question relating to the impact of predator species on smaller livestock, and it was agreed by Mr Anthonissen that information can be requested from the ecology and socio-economic specialists and included as a post-meeting note in the workshop notes.</p> <p><u>Post-meeting note:</u></p>
Babalwa Mbobo	
<p>It was mentioned that the Local Municipality's LED Officers are generally not informed of projects of this nature and the socio-economic impacts associated with these projects.</p>	<p>Nicolene Venter responded that a FGM with the Local Municipality is scheduled for Tuesday, 23 November 2021 at 14h00 and that two (2) officials, of which the Acting Municipal Manager is one, accepted the invitation.</p>
<p>It was mentioned that during the announcement of preferred bidders for Round 5 that the Northern Cape Province electricity grid network is saturated and cannot accommodate any further developments.</p>	<p>Romaya Dorasamy replied that these proposed projects form part of the Hybrid Cluster Grid which has capacity for 2000MW. The capacity might be slightly less after Round 5 allocations, but there should be capacity available to accommodate the 500MW or so that will be produced by these projects.</p>
<p>It was asked whether the developer is in consultation / discussions with Eskom regarding capacity on their network.</p>	<p>Romaya Dorasamy responded that meetings were held with Eskom and there is an initial agreement in place.</p>
Eben Anthonissen	
<p>It was asked that should the applications for Environment Authorisation be successful, and construction activities be completed, would</p>	<p>Mmakoena Mmola responded that the EMPr normally includes a recommendation that that an ECO should be appointed for the construction phase. The EMPr also states the frequency of</p>

<p>an ECO be appointed following commissioning of the facilities?</p>	<p>audits, i.e., whether the ECO should be on site full-time, or conduct inspections weekly, or monthly. The frequency of audits will be determined during the EIA Phase.</p> <p>The EA issued for a project also states as one of the conditions that an ECO must be appointed for the duration of construction and it also details the frequency of audits.</p> <p>For the operational phase, there will be an EO on site, not an ECO. Mmakoena added that it is to her understanding that the contractor appointed to operate the facility will have an EO, and this EO will oversee implementation of the EMPr.</p> <p>Romaya Dorasamy added that service providers such as Savannah Environmental, who outsource ECOs, will be appointed to undertake ECO work.</p>
<p>Portia Makilla</p>	
<p>It was enquired that taking the size of the project sites, is a site inspection, prior to the issuing of the EA, planned, and if so, how many days would be required?</p>	<p>Mmakoena Mmola responded that the DFFE Case Officers have not yet requested a site inspection, but should such a request be submitted, the team would make the necessary arrangements and it is envisaged that a minimum of two (2) days and a maximum of three (3) days would be required.</p>
<p>Who are the DFFE Case Officers for these projects?</p>	<p>Mmakoena Mmalo replied that e-mail acknowledgements of the Applications were received and that the information would be provided as post-meeting notes in the workshop notes.</p> <p>Post-meeting note:</p> <ul style="list-style-type: none"> • Angora Wind Farm (DFFE Ref: 14/12/16/3/3/2/2113) Herman Alberts or Salome Mambane • Merino Wind Farm (DFFE Ref: 14/12/16/3/3/2/2114) Herman Alberts or Salome Mambane • Nku Solar PV (DFFE Ref: 14/12/16/3/3/2/2115) Herman Alberts or Salome Mambane • Moriri PV (DFFE Ref: 14/12/16/3/3/2/2116) Thabile Sangweni or Salome Mambane • Kwana PV (DFFE Ref: 14/12/16/3/3/2/2118) Thabile Sangweni or Salome Mambane
<p>Romaya Dorasamy</p>	
<p>As a closing statement, the attendees were thanked for their valuable inputs at the KSW.</p>	

WAY FORWARD AND CLOSURE

Nicolene Venter asked whether there were any other environmental-related comments that the attendees would like to raise before closing the KSW officially. It was noted by all attendees that no further comments needed to be raised at this time. She informed the attendees that they can submit any further written comments via e-mail, and she reminded the attendees that the Scoping Reports' commenting period is ending on Monday, 13 December 2021 and that it would be appreciated if written comments can be received before or on the 13th of December 2021. The attendees were also informed that should they not have any written comments, they can also email or send a formal letter stating that the reports were reviewed, and no comments would be submitted.

She thanked the participants for making time to attend the KSW and for their valuable inputs into the EIA and public participation process.

The workshop was closed at 12h15

LIST OF ABBREVIATIONS AND ACRONYMS

BID	Background Information Document	EMP	Environmental Management Programme
CBA	Critical Biodiversity Area	FGM	Focus Group Meeting
DFFE	Department of Forestry, Fisheries and the Environment	LED	Local Economic Development
DWS	Department of Water and Sanitation	WUL	Water Use License
EA	Environmental Authorisation	REIPPP	Renewable Independent Power Producer Programme
ECO	Environmental Control Officer	SAWS	South African Weather Services
EO	Environmental Officer		

Total Number of Participants	14
Meeting Title	GREAT KAROO RENEWABLE ENERGY CLUSTER: Key Stakeholder Workshop
Meeting Start Time	11/23/2021, 10:39:06 AM
Meeting End Time	11/23/2021, 12:16:43 PM
Meeting Id	707726a5-31f2-4bcc-bf6e-cc714115bb38

ATTENDEES
Nicolene Venter
Mmakoena Mmola
Eben Anthonissen
Zamikhaya Magogotya
Romaya Dorasamy
Portia Makitla
tshift
Zwelithini Vilakazi
Babalwa Mbobo
Aulicia Maifo
Doris Khoza
Gugulethu Khanyile
Babalwa Mbobo
Simphiwe Masilela

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES

NORTHERN CAPE PROVINCE

Key Stakeholder Workshop
Tuesday, 23 November 2021



AGENDA

- Welcome and Introduction
- Meeting Conduct
- Purpose of the Meeting
- Project Overview
- Scoping & Environmental Impact Assessment Process
- Key Environmental Findings
- Way Forward
- Discussions



1

2

MEETING CONDUCT

- Recording of the meeting
- Please stay on mute during the presentation
- Register attendance on chat function (name, surname & affiliation)
- Equal opportunity
- Questions and comments can be submitted on the chat function during the presentation – team will respond after presentation
- Please hold all verbal questions until after the presentation
- Please raise your hand (virtual function) to ask a question and state your name



PURPOSE OF THE MEETING

- Provide stakeholders & I&APs with an overview of the **Great Karoo Cluster of Renewable Energy Facilities (separate projects)**
- Summary of the **Scoping & Environmental Impact Assessment (EIA) & Public Participation** being undertaken
- Present a summary of the key environmental findings as documented in the respective **Scoping Reports**
- Provide stakeholders the opportunity to seek clarity regarding the projects and their respective environmental studies, as well as the opportunity to provide valuable input into/to inform the EIA process
- Obtain and record comments for inclusion in the submissions to DFFE

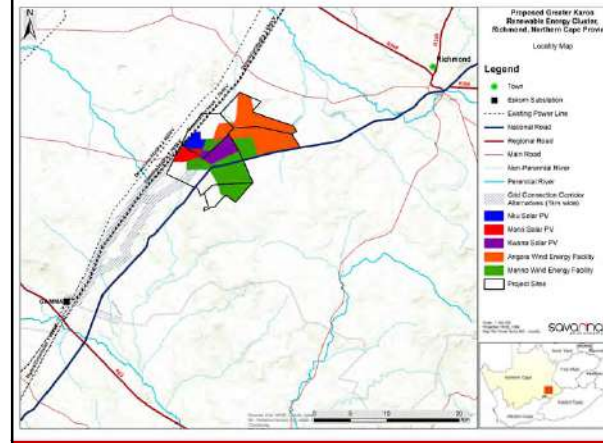


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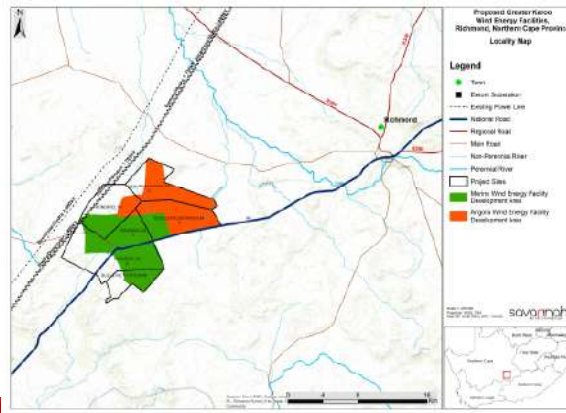
PROJECT OVERVIEW (Mmakoena Mmola)

COMBINED LOCALITY MAP



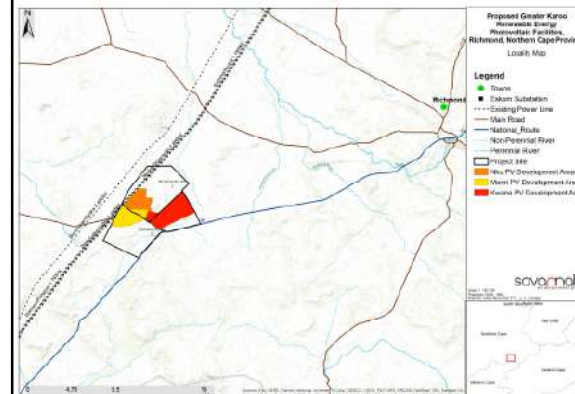
- Cluster of renewable energy facilities, which include three (3) 100MW Solar PV Facilities and two (2) 140MW Wind Energy Facilities
- Located ~35km south-west of Richmond and 80km south-east of Victoria West, within the Ubuntu Local Municipality and the Pixley Ka Seme District Municipality in the Northern Cape Province

COMPONENTS OF THE ANGORA AND MERINO WIND FARMS



- Contracted capacity: 140MW
- Turbines:
 - Up to 45 turbines
 - Hub height of up to 170m
 - Tip height up to 250m
- Grid infrastructure:
 - 33/132kV onsite facility substation
 - 35kV underground cabling from the onsite substation to the 132kV collector substation
- Other infrastructure:
 - Foundations, hardstands, inverters and transformers, temporary laydown areas, temporary concrete batching plant, electrical and auxiliary equipment, Battery Energy Storage System, access roads and internal distribution roads, site offices, maintenance buildings, and workshop areas

COMPONENTS OF THE NKU, MORIRI AND KWANA SOLAR PV FACILITIES



- Contracted capacity: 100MW
- Panels:
 - Number of panels to be determined in the EIA Phase
 - Panel height up to 5m
 - Fixed-tilt, single-axis tracking, and/or double-axis tracking PV technology
 - Monofacial or bifacial panels
- Grid infrastructure:
 - 33/132kV onsite facility substation
 - 35kV Underground cabling from the onsite substation to the 132kV collector substation
- Other infrastructure:
 - Inverters and transformers, cabling between the panels, electrical and auxiliary equipment, Battery Energy Storage System, laydown areas, access roads & internal distribution roads, site offices, maintenance buildings & workshop areas

SCOPING & EIA PROCESS & PUBLIC INVOLVEMENT



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APPROACH TO SCOPING

- Identification of issues – social and biophysical environment
- Potential sensitive areas identified through specialist desktop and in-field studies
- Design of appropriate facility layout to be informed by sensitive areas identified through the EIA process. The facility layout will be presented and considered in the EIA Phase
- A revised Application of the mitigation hierarchy (i.e., avoid, minimise, mitigate and offset)
- Any further micro-siting required to facility layout will be addressed in EIA Phase
- Prepare a Plan of Study for the EIA Phase

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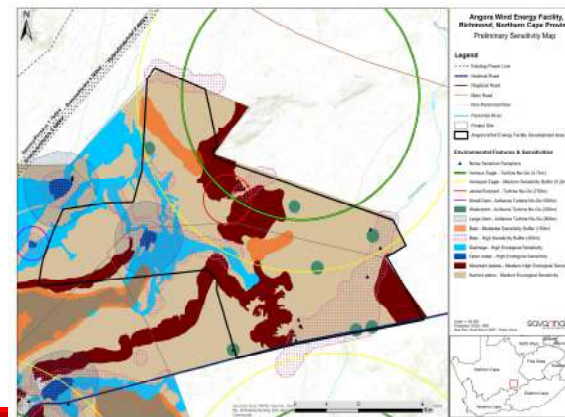
SPECIALIST STUDIES

Specialist	Area of Expertise
David Hoare of David Hoare Consulting (Pty) Ltd	Ecology
Chris van Rooyen of Chris van Rooyen Consulting	Avifauna
Werner Marais of Animalia	Bats
Ivan Baker of the Biodiversity Company	Freshwater and Soils
Morné de Jager of Enviro-Acoustic Research	Noise
Lourens du Plessis of LoGIS	Visual
Tony Barbour of Tony Barbour Environmental Consulting	Social
Jenna Lavin of CTS Heritage	Heritage (including Archaeology Palaeontology and Cultural Heritage)
Iris Wink of JG Afrika	Traffic

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ENVIRONMENTAL SENSITIVITIES – ANGORA WEF

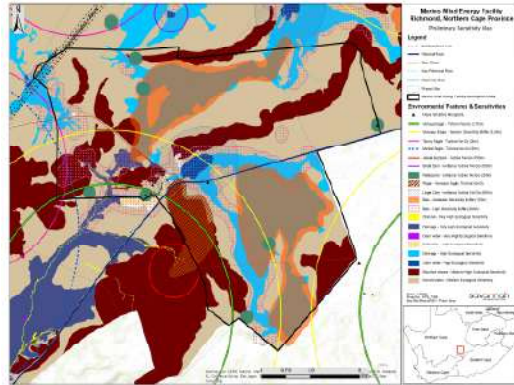


- Ecological features:
 - Site classified as an ESA.
 - Areas of very high and high ecological sensitivity were identified.
- Aquatic features:
 - Areas of very high sensitivity are aligned with the ESAs and watercourses.
 - The very high sensitivity areas, including the 45m buffer, are regarded as no-go areas.
- Bat buffers recommended:
 - 200m buffer recommended around high sensitivity features.
 - High bat sensitivity features regarded as no turbine zones.
 - 150m buffer recommended around medium sensitivity features.
 - Turbines allowed within medium sensitivity areas.
- Avifauna buffers recommended:
 - Large dams: 800m turbine no-go zone.
 - Boreholes: 200m turbine no-go zone.
 - Verreux's Eagle nest: 3.7km oil infrastructure no-go zone and 5.4km medium sensitivity zone.
 - Jackal Buzzard nest: 750m no-go zone.
- Noise sensitive developments were identified:
 - No wind turbines are to be developed within 160m and 500m from identified noise-sensitive developments.
 - No-go zones to be determined during the EIA Phase.

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ENVIRONMENTAL SENSITIVITIES – MERINO WEF

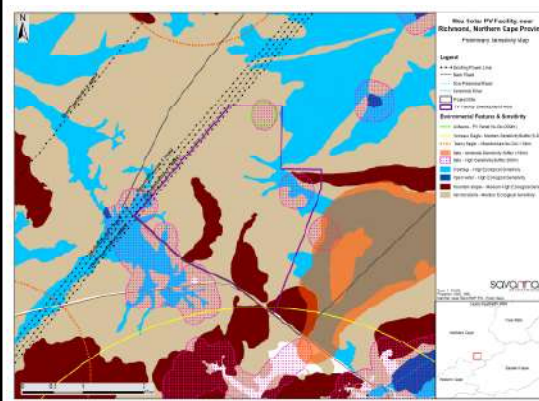


- Ecological features:
 - Site falls within CBA1.
 - Areas of very high and high ecological sensitivity were identified.
- Aquatic features:
 - Areas of very high sensitivity are attributed to the presence of wetlands, rivers, and priority area quinary catchments.
- Bat buffers recommended:
 - 200m buffer recommended around high sensitivity features.
 - High bat sensitivity features regarded as no turbine zones.
 - 150m buffer recommended around medium sensitivity features.
 - Turbines allowed within medium sensitivity areas.
- Avifauna buffers recommended:
 - Large dams: 800m turbine no-go zone.
 - Boreholes: 200m turbine no-go zone.
 - Vareaux's Eagle nest: 3.7km all infrastructure no-go zone and 5.4km medium sensitivity zone.
 - Tawny Eagle nests: 3km all infrastructure no-go zone.
 - Marlba Eagle nests: 5km all infrastructure no-go zone.
- Noise sensitive developments were identified:
 - No wind turbines are to be developed within 160m and 500m from identified noise-sensitive developments.
 - No-go zones to be determined during the EIA Phase.



13

ENVIRONMENTAL SENSITIVITIES – NKU PV

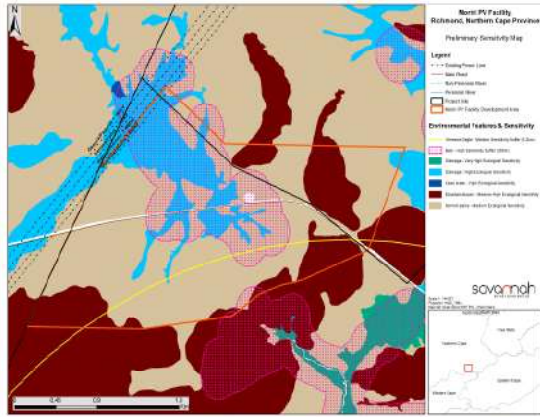


- Ecological features:
 - Site falls within Other Natural Areas.
 - Areas of high ecological sensitivity were identified.
- Aquatic features:
 - No natural wetland areas are expected for the Nku PV Facility.
 - In the event a watercourse is identified within the project area, a buffer width of 32 m for the construction and operation phases would be recommended.
- Bat buffers recommended:
 - 200m buffer recommended around high sensitivity features.
 - High bat sensitivity features regarded as no panel zone.
 - 150m buffer recommended around medium sensitivity features.
 - Panels allowed within medium sensitivity areas.
- Avifauna buffers recommended:
 - No specific environmental sensitivities were identified from an avifauna perspective, although the whole site is rated medium to high sensitivity due to the presence of suitable habitat for a Red List species, i.e. Ludwig's Bustard (SA Status: Endangered), which was also recorded during surveys.



14

ENVIRONMENTAL SENSITIVITIES – MORIRI PV

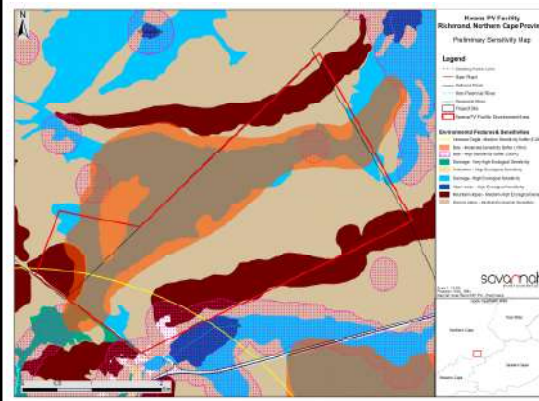


- Ecological features:
 - Site falls within Other Natural Areas.
 - Areas of high ecological sensitivity were identified.
- Aquatic features:
 - No natural wetland areas are expected for the Moriri PV Facility.
- Bat buffers recommended:
 - 200m buffer recommended around high sensitivity features.
 - High bat sensitivity features regarded as no panel zone.
 - 150m buffer recommended around medium sensitivity features.
 - Panels allowed within medium sensitivity areas.
- Avifauna buffers recommended:
 - Tawny Eagle nest: 1.5km all infrastructure no-go zone.



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ENVIRONMENTAL SENSITIVITIES – KWANA PV



- Ecological features:
 - Site overlaps with a CBA1, but is predominantly classified as Other Natural Areas.
 - Areas of high ecological sensitivity were identified.
- Aquatic features:
 - No natural wetland areas are expected for the Kwana PV Facility.
- Bat buffers recommended:
 - 200m buffer recommended around high sensitivity features.
 - High bat sensitivity features regarded as no panel zone.
 - 150m buffer recommended around medium sensitivity features.
 - Panels allowed within medium sensitivity areas.
- Avifauna buffers recommended:
 - Surface zone: 200m solar panel no-go zone.
 - Tawny Eagle nest: 1.5km all infrastructure no-go zone.



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ENVIRONMENTAL IMPACTS IDENTIFIED (all projects)

	Scoping of Issues
Impacts on Ecology (fauna & flora)	<ul style="list-style-type: none"> • Direct loss of vegetation. The main impact on terrestrial ecosystems is due to road construction and not to the turbines themselves. The placement of roads is therefore critical in limiting impacts. • Loss, fragmentation, or degradation of faunal habitat. • Displacement of populations of mobile species. • Mortality of populations of sedentary species during construction. • Loss of indigenous natural vegetation during construction. • Loss of protected plants during construction. • Introduction and/or spread of declared weeds and alien invasive plants in terrestrial habitats.
Impacts on Freshwater Features	<ul style="list-style-type: none"> • Disturbance / degradation / loss to wetland soils or vegetation due to the construction of the facility and associated infrastructure, such as crossings. • Increased erosion and sedimentation, as well as the contamination of surface water resources.
Impacts on Bats	<ul style="list-style-type: none"> • Foraging habitat destruction. • Bat roost disturbance/destruction. • Increased bat mortality due to light pollution and moving turbine blades.
Impacts on Avifauna	<ul style="list-style-type: none"> • Mortality due to collisions with the wind turbines and panels. • Displacement due to disturbance during construction and operation of the wind farm. • Displacement due to habitat change and loss of the wind farm. • Mortality due to electrocution on the medium voltage overhead lines. • Mortality due to collisions with the medium voltage overhead lines.

ENVIRONMENTAL IMPACTS IDENTIFIED (all projects)

	Scoping of Issues
Impacts on Agricultural Potential and Soils	<ul style="list-style-type: none"> • Loss of soil / land capability.
Impacts on Heritage (Cultural Landscape, Archaeology and Palaeontology)	<ul style="list-style-type: none"> • Direct impact to archaeological heritage of scientific significance. • Direct impact to palaeontological heritage of scientific significance. • Indirect impact to significance cultural landscapes and cultural landscape elements.
Impacts on Visual Quality	<ul style="list-style-type: none"> • The potential negative experience of viewing the infrastructure and activities within a predominantly rural and natural setting.
Impacts on Sensitive Noise Receptors	<ul style="list-style-type: none"> • Increased noises or disturbing noises may increase annoyance levels with project. Noise levels could exceed 45 dBA during construction.
Impacts on Traffic	<ul style="list-style-type: none"> • Potential traffic congestion and delays on the surrounding road network. The associated noise, dust and exhaust pollution due to the increase in traffic.
Impacts on the Socio-Economic Environment	<ul style="list-style-type: none"> • Creation of temporary employment opportunities. • Creation of business and procurement opportunities. • Support for local economy. • Creation of training and skills development opportunities. • Disruption of existing family structures and social networks. • Anti-social behaviour of construction workers. • Increase in substance abuse, crime, sexually transmitted diseases. • Unplanned pregnancies. • Impact on psychological well-being of local communities • Resentment of outsiders and tension within local communities

PLAN OF STUDY FOR THE EIA PHASE

- The Plan of Study for EIA is intended to provide a summary of the key findings of the Scoping Phase and to describe the activities to be undertaken in the EIA Phase of the EIA process.
- **Based on the findings of the Scoping assessment, the following further investigations within the EIA Phase are required:**
 - Ecological Impact Assessment
 - Avifauna Impact Assessment
 - Bat Impact Assessment
 - Freshwater and Soils Impact Assessment
 - Noise Impact Assessment
 - Visual Impact Assessment
 - Social Impact Assessment
 - Heritage Impact Assessment (including Archaeology Palaeontology and Cultural Heritage)
 - Traffic Impact Assessment

WAY FORWARD AND CLOSURE (Nicolene Venter)

WAY FORWARD

- Scoping Report review period: **12 November 2021 – 13 December 2021** (can be downloaded from the Savannah Environmental website)
- Final Scoping Report to be submitted to DFFE – January 2022
- EIA & EMPr for review – envisaged February 2022 (TBC)
- Our Public Participation team is available to answer any questions on the development and register you as an I&AP so that you can receive important project information as it becomes available.



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WHO TO CONTACT FOR FURTHER INFORMATION

Savannah Environmental (Pty) Ltd

Nicolene Venter

Email: publicprocess@savannahsa.com

PO Box 148, Sunninghill, 2157

Tel: 011 656 3237

Mobile: 060 978 8396 (*including "please call me"*)

Fax: 086 684 0547

www.savannahSA.com



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**ENVIRONMENTAL IMPACT ASSESSMENT AND
PUBLIC PARTICIPATION PROCESSES
FOR THE
GREAT KAROO CLUSTER OF RENEWABLE ENERGY
FACILITIES NEAR RICHMOND, NORTHERN CAPE
PROVINCE**

DFFE Reference Numbers:

Angora Wind Farm:	14/12/16/3/3/2/2113
Merino Wind Farm:	14/12/16/3/3/2/2114
Nku Solar PV:	14/12/16/3/3/2/2115
Moriri Solar PV:	14/12/16/3/3/2/2116
Kwana Solar PV:	14/12/16/3/3/2/2118

**MEETING NOTES OF THE INFORMATION SESSION
HELD ON THURSDAY, 02 DECEMBER 2021 HELD FROM 14H00 TO 17H00
VENUE: RICHMOND SHOWGROUNDS HALL**

Notes for the Record prepared by:

Rendani Rasivhetshela, Mmakoena Mmola & Nicolene Venter

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

*Please note that these notes are not verbatim, but a summary of the comments submitted at the meeting.
Please address any comments to Savannah Environmental at the above address*

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES NEAR RICHMOND, NORTHERN CAPE PROVINCE

INFORMATION SESSION'S ATTENDEES (Alphabetically according to name)

Name	Position
Desmond Smith	Ka-Ma Guest House & Restaurant: Richmond
Fon Thiem	Resident: Richmond
G.A de Vos	Resident: Richmond
Henry Els	Resident: Richmond
Johannes Pieterse	Resident: Richmond
Justin Gafoor	Resident: Richmond
Kevin MdKey	Resident: Richmond
Len Rundle	Chairman: Richmond Chamber of Commerce
Leon Olivier	Resident: Richmond
Sakoor Gafoor	Resident: Richmond
Paul Haupt	Banner Sign: Richmond
Piet Cilliers	Resident: Richmond
Great Karoo Renewable Energy (Pty) Ltd	
Romaya Dorasamy	Developer
Savannah Environmental	
Mmakoena Mmola	Environmental Assessment Practitioner (Wind Energy Facilities)
Rendani Rasivhetshela	Environmental Assessment Practitioner (Solar Photovoltaic Facilities)
Nicolene Venter	Public Participation and Social Consultant

PRESENTATION

The posters that were on display at the Information Session are attached as **Appendix A** to the Information Session notes.

DISCUSSION SESSION

Question / Comment	Response
How many employment opportunities will the project bring, and will the project bring business opportunities within the surrounding communities?	<p>Rendani Rasivhetshela explained that the project is anticipated to create approximately 350 job opportunities during the construction phase and the number will be reduced during the operational phase of the projects, however this will be informed by the final layout of the facilities as well as the detailed social impact assessment to be undertaken during the Environmental Impact Assessment (EIA) phase.</p> <p>Furthermore, the project will bring more business opportunities to the surrounding communities. For instances the construction workers will be housed within the surrounding areas.</p>

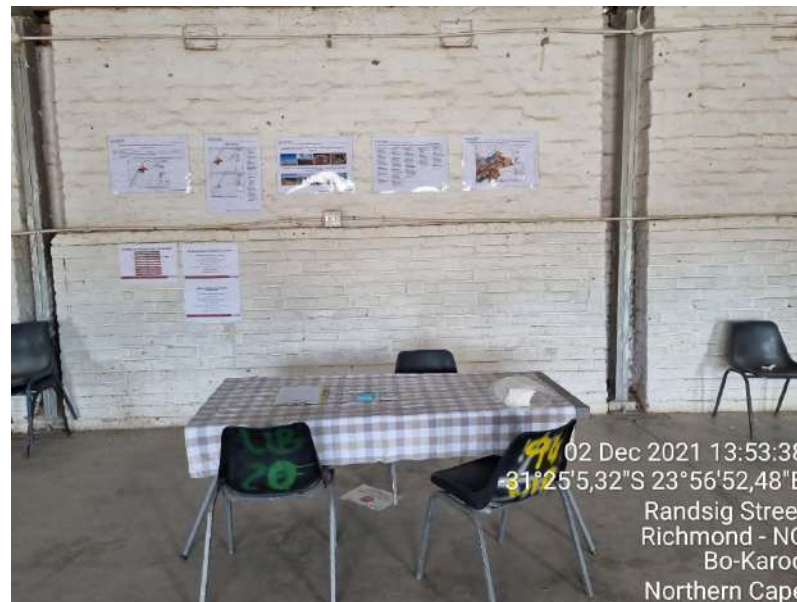
<p>Will the presence of animals (especially the Aardvark which is commonly found within the project site area) be considered during the specialists' field assessment?</p>	<p>Rendani Rasivhetshela explained that the Ecological Scoping Assessment was undertaken based on the desktop information as well as site visit. Furthermore, a detailed ecological impact assessment is currently being undertaken and will consider all the flora and fauna found within the project site.</p>
<p>Are the projects being constructed/applied by the same company and will they be constructed at the same time?</p>	<p>Rendani Rasivhetshela explained that the applicant for all the 5 renewable projects is Great Karoo Renewable Energy (Pty) Ltd as indicated in the posters. It is unlikely that the renewable projects will be constructed at the same time.</p>
<p>During operation phase, will there be anyone on site?</p>	<p>Rendani Rasivhetshela explained that site offices, maintenance buildings and workshop areas as can be seen on the poster are being proposed as part of the renewable facilities. This means that there will be people during operation who will be responsible for the day to day running of the facility.</p>
<p>Will the developer source local people for job opportunities?</p>	<p>Rendani Rasivhetshela explained that during the construction phase, people from the local communities within the area, would be in a position to qualify for most of the employment opportunities.</p>
<p>What stage of the process are we currently in?</p>	<p>Rendani Rasivhetshela explained the scoping and EIA process as indicated in the poster, with the emphasis on the fact that we are in the 30 days public review period of the scoping report.</p>
<p>How were the sensitive receptors determined?</p>	<p>Rendani Rasivhetshela explained that the potential noise sensitive receptors in the area were initially identified using environmental screening tool and available information and confirmed during the site visit. She also explained that this will be further confirmed in the EIA phase.</p>

APPENDIX A

INFORMATION SESSION: THURSDAY, 02 DECEMBER 2021 – Held at the Richmond Show Grounds, Richmond



02 Dec 2021 13:53:22
-31°25'5,4"S 23°56'52,427"E
Randsig Street
Richmond - NC
Bo-Karoo
Northern Cape



02 Dec 2021 13:53:38
-31°25'5,32"S 23°56'52,48"E
Randsig Street
Richmond - NC
Bo-Karoo
Northern Cape



02 Dec 2021 13:53:55
-31°25'5,321"S 23°56'52,476"E
Randsig Street
Richmond - NC
Bo-Karoo
Northern Cape

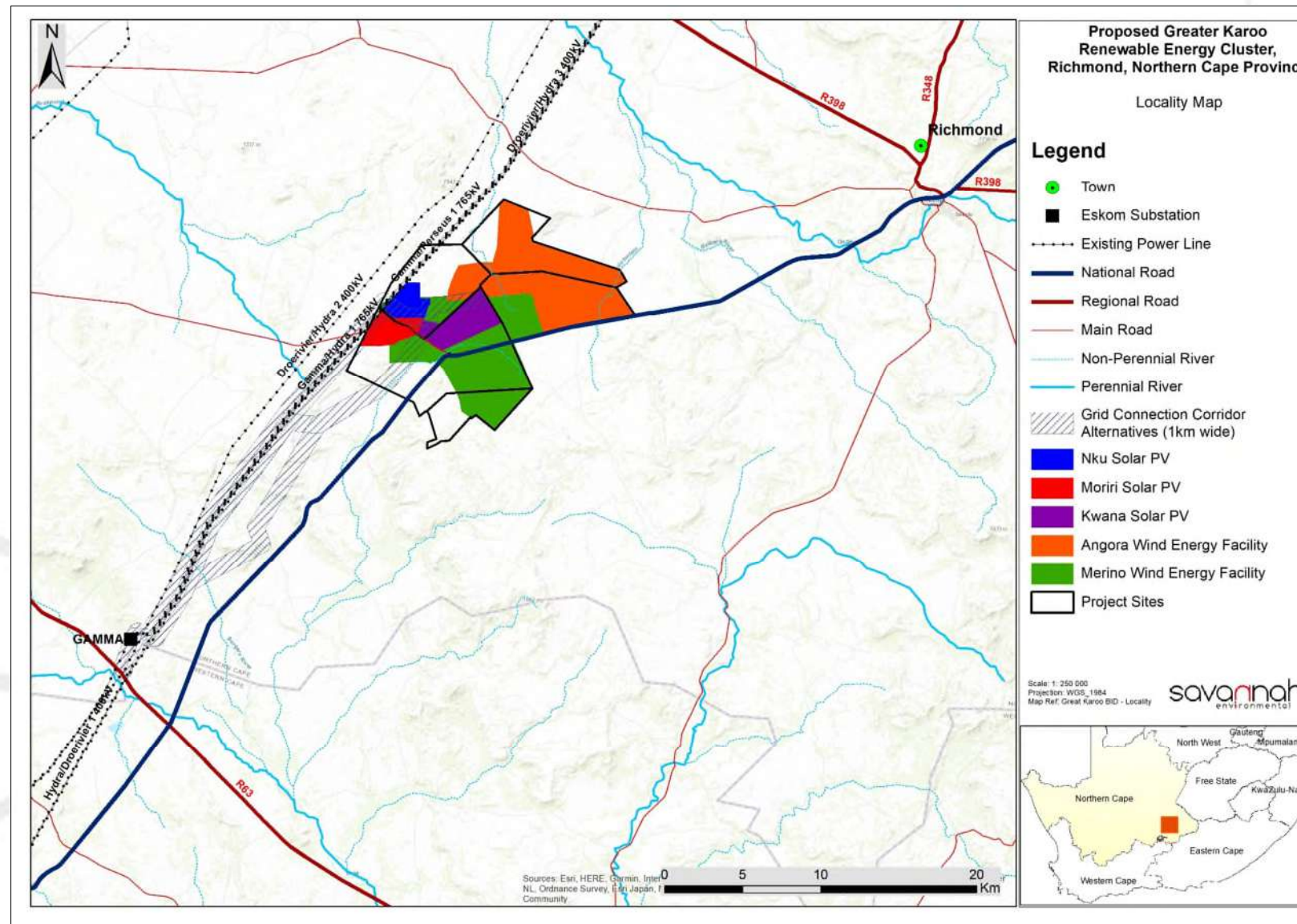


02 Dec 2021 13:54:07
-31°25'5,344"S 23°56'52,473"E
Randsig Street
Richmond - NC
Bo-Karoo
Northern Cape

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES, NORTHERN CAPE PROVINCE

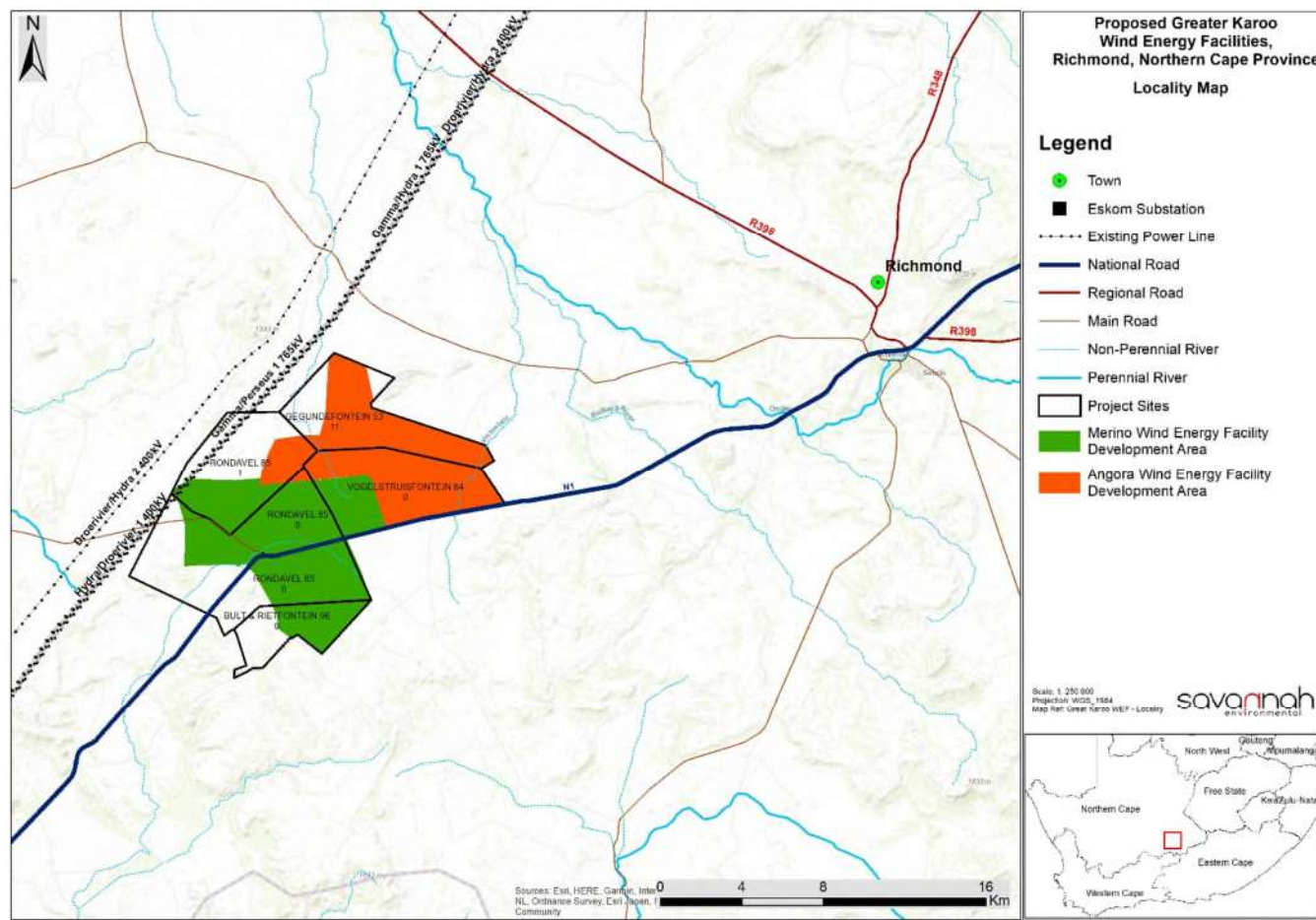
COMBINED LOCALITY MAP

Applicant	Great Karoo Renewable Energy (Pty) Ltd				
Project Name	Angora Wind Farm	Merino Wind Farm	Nku Solar PV Facility	Moriri Solar PV Facility	Kwana Solar PV Facility
Facility type	Development of a 140MW Wind Energy Facility		Development of a 100MW Solar PV Facility		
Affected properties	Portion 11 of Farm Gegundefontein 53 Portion 0 of Farm Vogelstruisfontein 84 Portion 1 of Farm Rondavel 85 Portion 0 of Farm Rondavel 85	Portion 9 of Farm Bult & Rietfontein 96 Portion 0 of Farm Vogelstruisfontein 84 Portion 1 of Farm Rondavel 85 Portion 0 of Farm Rondavel 85	Portion 1 of Farm Rondavel 85 Portion 0 of Farm Rondavel 85	Portion 0 of Farm Rondavel 85	Portion 0 of Farm Rondavel 85
Location	Approximately 35km south-west of Richmond and 80km south-east of Victoria West, within the Ubuntu Local Municipality and the Pixley Ka Seme District Municipality in the Northern Cape Province				



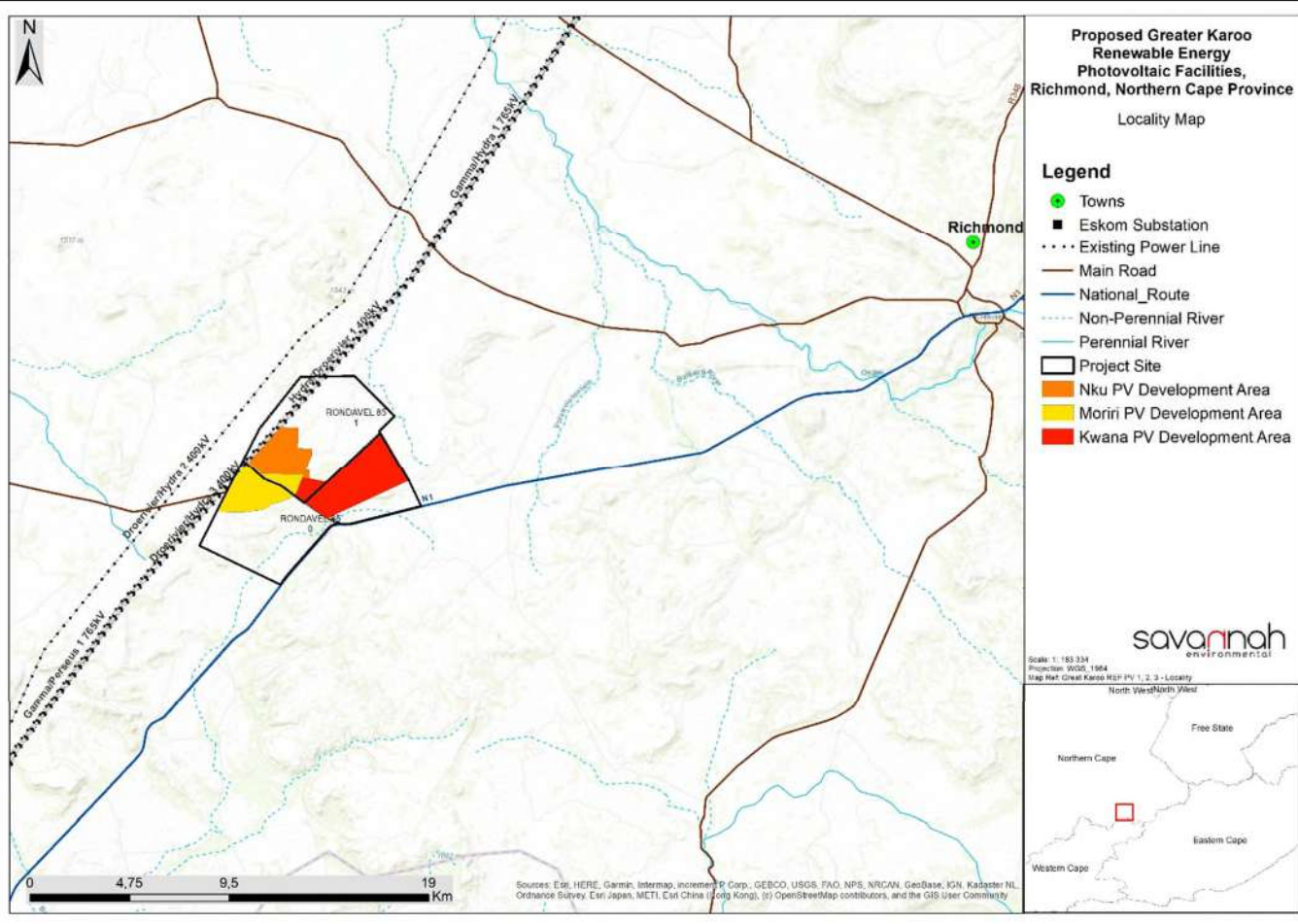
PROJECT DESCRIPTION

COMPONENTS OF THE ANGORA AND MERINO WIND FARMS



- Contracted capacity: 140MW
- Turbines:
 - Up to 45 turbines
 - Hub height of up to 170m
 - Tip height up to 250m
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 - 35kV underground cabling from the onsite substation to the 132kV collector substation
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COMPONENT OF THE NKU, MORIRI AND KWANA SOLAR PV FACILITIES



- Contracted capacity: 100MW
- Panels:
 - Number of panels to be determined in the EIA Phase
 - Panel height up to 5m
 - Fixed-tilt, single-axis tracking, and/or double-axis tracking PV technology
 - Monofacial or bifacial panels
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 - 35kV Underground cabling from the onsite substation to the 132kV collector substation
- Other infrastructure:
 - Inverters and transformers, cabling between the panels, electrical and auxiliary equipment, Battery Energy Storage System, laydown areas, access roads & internal distribution roads, site offices, maintenance buildings & workshop areas

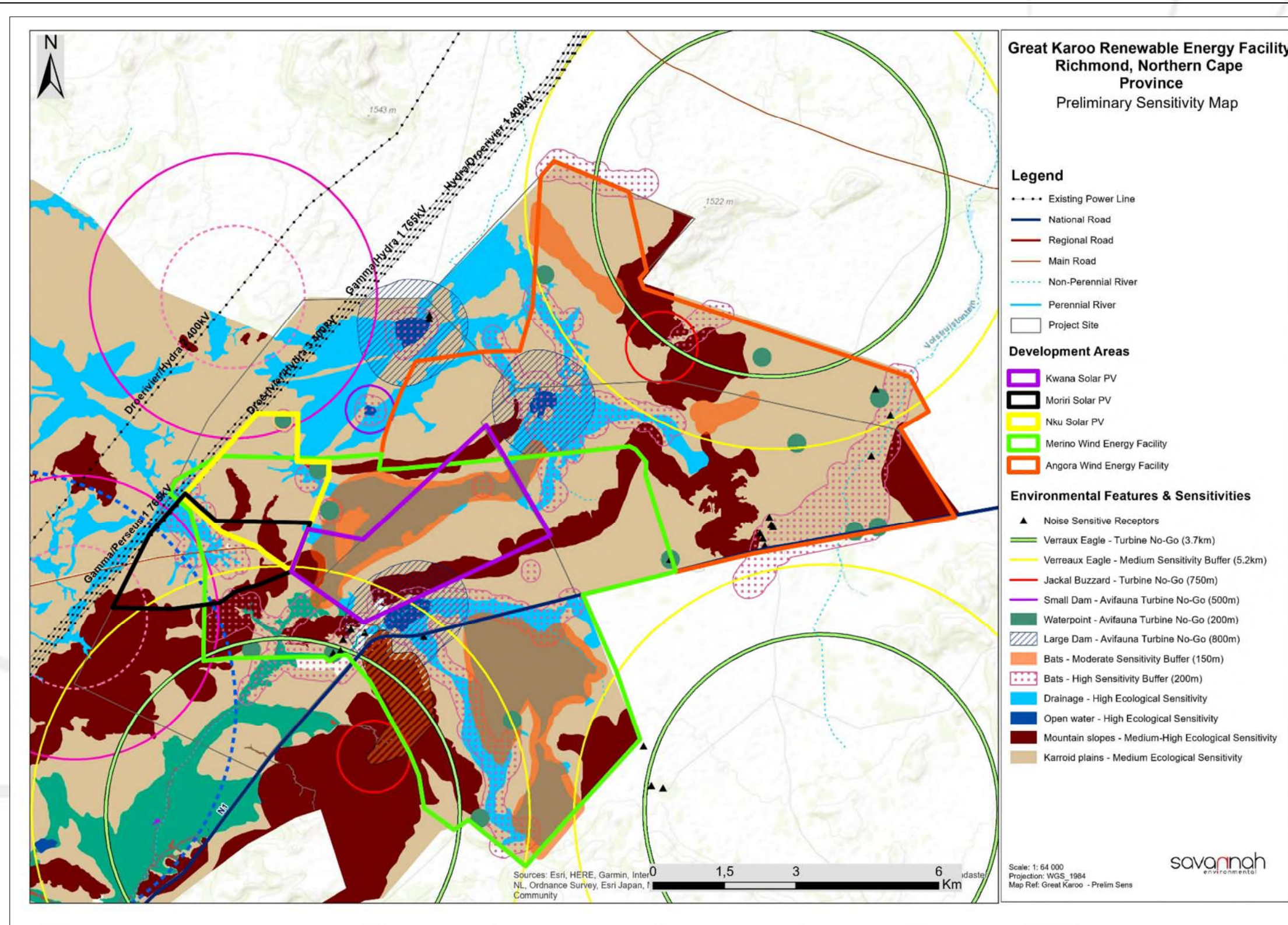
PHOTOGRAPHS OF THE CONSTRUCTION PHASE OF A WIND FARM SIMILAR TO THE ANGORA AND MERINO WIND FARMS



PHOTOGRAPHS OF THE CONSTRUCTION PHASE OF A SOLAR PV FACILITY SIMILAR TO THE NKU, MORIRI AND KWANA SOLAR PV FACILITIES



PRELIMINARY SENSITIVITIES IDENTIFIED FOR THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES



PRELIMINARY SENSITIVITIES IDENTIFIED FOR THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES

ANGORA WIND FARM	MERINO WIND FARM	NKU SOLAR PV FACILITY	MORIRI SOLAR PV FACILITY	KWANA SOLAR PV FACILITY
<ul style="list-style-type: none"> • Ecological features: <ul style="list-style-type: none"> • Site classified as an ESA. • Areas of very high and high ecological sensitivity were identified. • Aquatic features: <ul style="list-style-type: none"> • Areas of very high sensitivity are aligned with the ESAs and watercourses. • The very high sensitivity areas, including the 45m buffer, are regarded as no-go areas. • Bat buffers recommended: <ul style="list-style-type: none"> • 200m buffer recommended around high sensitivity features. • High bat sensitivity features regarded as no turbine zones. • 150m buffer recommended around medium sensitivity features. • Turbines allowed within medium sensitivity areas. • Avifauna buffers recommended: <ul style="list-style-type: none"> • Large dams:800m turbine no-go zone. • Boreholes: 200m turbine no-go zone. • Verreaux's Eagle nest: 3.7km all infrastructure no-go zone and 5.4km medium sensitivity zone. • Jackal Buzzard nest: 750m no-go zone. • Noise sensitive developments were identified: <ul style="list-style-type: none"> • No wind turbines are to be developed within 160m and 500m from identified noise-sensitive developments. • No-go zones to be determined during the EIA Phase. 	<ul style="list-style-type: none"> • Ecological features: <ul style="list-style-type: none"> • Site falls within CBA1. • Areas of very high and high ecological sensitivity were identified. • Aquatic features: <ul style="list-style-type: none"> • Areas of very high sensitivity are attributed to the presence of wetlands, rivers, and priority area quinary catchments. • The very high sensitivity areas, including the 45m buffer, are regarded as no-go areas. • Bat buffers recommended: <ul style="list-style-type: none"> • 200m buffer recommended around high sensitivity features. • High bat sensitivity features regarded as no turbine zones. • 150m buffer recommended around medium sensitivity features. • Turbines allowed within medium sensitivity areas. • Avifauna buffers recommended: <ul style="list-style-type: none"> • Large dams:800m turbine no-go zone. • Boreholes: 200m turbine no-go zone. • Verreaux's Eagle nest: 3.7km all infrastructure no-go zone and 5.4km medium sensitivity zone. • Tawny Eagle nests: 3km all infrastructure no-go zone. • Martial Eagle nests: 5km all infrastructure no-go zone. • Noise sensitive developments were identified: <ul style="list-style-type: none"> • No wind turbines are to be developed within 160m and 500m from identified noise-sensitive developments. • No-go zones to be determined during the EIA Phase. 	<ul style="list-style-type: none"> • Ecological features: <ul style="list-style-type: none"> • Site falls within Other Natural Areas. • Areas of high ecological sensitivity were identified. • Aquatic features: <ul style="list-style-type: none"> • No natural wetland areas are expected for the Nku PV Facility. • In the event a watercourse is identified within the project area, a buffer width of 32 m for the construction and operation phases would be recommended. • Bat buffers recommended: <ul style="list-style-type: none"> • 200m buffer recommended around high sensitivity features. • High bat sensitivity features regarded as no panel zone. • 150m buffer recommended around medium sensitivity features. • Panels allowed within medium sensitivity areas. • Avifauna buffers recommended: <ul style="list-style-type: none"> • No specific environmental sensitivities were identified from an avifaunal perspective, although the whole site is rated medium to high sensitivity due to the presence of suitable habitat for a Red List species, i.e. Ludwig's Bustard (SA Status Endangered), which was also recorded during surveys. 	<ul style="list-style-type: none"> • Ecological features: <ul style="list-style-type: none"> • Site falls within Other Natural Areas. • Areas of high ecological sensitivity were identified. • Aquatic features: <ul style="list-style-type: none"> • No natural wetland areas are expected for the Moriri PV Facility. • Bat buffers recommended: <ul style="list-style-type: none"> • 200m buffer recommended around high sensitivity features. • High bat sensitivity features regarded as no panel zone. • 150m buffer recommended around medium sensitivity features. • Panels allowed within medium sensitivity areas. • Avifauna buffers recommended: <ul style="list-style-type: none"> • Tawny Eagle nest: 1.5km all infrastructure no-go zone. 	<ul style="list-style-type: none"> • Ecological features: <ul style="list-style-type: none"> • Site overlaps with a CBA1, but is predominantly classified as Other Natural Areas. • Areas of high ecological sensitivity were identified. • Aquatic features: <ul style="list-style-type: none"> • No natural wetland areas are expected for the Kwana PV Facility. • Bat buffers recommended: <ul style="list-style-type: none"> • 200m buffer recommended around high sensitivity features. • High bat sensitivity features regarded as no panel zone. • 150m buffer recommended around medium sensitivity features. • Panels allowed within medium sensitivity areas. • Avifauna buffers recommended: <ul style="list-style-type: none"> • Surface zone: 200m solar panel no-go zone. • Tawny Eagle nest: 1.5km all infrastructure no-go zone.

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: HARRY

VAN: ELS

POS ADRES (indien beskikbaar):

E-POS ADRES (indien beskikbaar): enriskman@gmail.com

SELFOONNOMMER: 083 230 2636

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos	<input checked="" type="checkbox"/>	Pos	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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11/11

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Peer Haupt

VAN: _____

POS ADRES (indien beskikbaar):

145 PIENAK ST. RICHMOND NK

E-POS ADRES (indien beskikbaar): BANNERSIGN@WORLDONLINE.CO.ZA

SELFOONNOMMER: 083 450 2326

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos	<input checked="" type="checkbox"/>	Pos	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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HANDTEKENING: 

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: G.A. DE Vos

VAN: DE Vos

POS ADRES (indien beskikbaar):

245 Church STR Richmond 7090

E-POS ADRES (indien beskikbaar): gdevos818@gmail.com

SELFOONNOMMER: 08 2332 9261.

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos	<input checked="" type="checkbox"/>	Pos	<input type="checkbox"/>	WhatsApp	<input checked="" type="checkbox"/>	SMS	<input type="checkbox"/>
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HANDTEKENING: 

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Piet Gilliers

VAN: Gilliers

POS ADRES (indien beskikbaar):

E-POS ADRES (indien beskikbaar): petruscilliers56@gmail.com

SELFOONNOMMER: 0727638386

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos		Pos		WhatsApp	X	SMS	
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DP & N

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Justin

VAN: Grafort

POS ADRES (indien beskikbaar):

PO Box 138, Richmond, Northern Cape, 7090

E-POS ADRES (indien beskikbaar): grafortjustin@gmail.com

SELFOONNOMMER: 0838051003

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos		Pos		WhatsApp		SMS	X
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Justin

Great Karoo Cluster of Renewable Energy Facilities Kragaanlegte

ATTENDANCE REGISTER

I hereby confirmed my attendance at the Information Session held on
Thursday, 02 December 2021 from 14h00 to 17h00 at the Showground Hall, Richmond

NAME: SAKOR

SURNAME: GAFOOR

POSTAL ADDRESS (if applicable): P.O. BOX 138 RICHMOND NK

E-MAIL ADDRESS (if available): SG9foor @ 1cc040. com

MOBILE NUMBER: 082 871 5056

Preferred method of communication (please indicate preference with a v)

E-mail	<input checked="" type="checkbox"/>	Post	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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SIGNATURE: 

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Desmond

VAN: Smith

POS ADRES (indien beskikbaar):

Private bag 15

E-POS ADRES (indien beskikbaar): desmond.smith@dcs.gov.za

SELFOONNOMMER: 0829450062

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos	<input checked="" type="checkbox"/>	Pos	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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HANDTEKENING: 

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: LEON OLIVIER

VAN: OLIVIER

POS ADRES (indien beskikbaar):

SABELO LOC. RICHMOND 7090

E-POS ADRES (indien beskikbaar): leon6911@gmail.com

SELFOONNOMMER: 073 095 8876

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos	<input checked="" type="checkbox"/>	Pos	<input type="checkbox"/>	WhatsApp	<input checked="" type="checkbox"/>	SMS	<input type="checkbox"/>
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HANDTEKENING: 

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Johannes

VAN: PIETERSE

POS ADRES (indien beskikbaar):

E-POS ADRES (indien beskikbaar): JohPieterse@justice.gov.za/jp825264@gmail.com

SELFOONNOMMER: 0849079412

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos	<input checked="" type="checkbox"/>	Pos	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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J.Pieterse

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: FON

VAN: THIEM

POS ADRES (indien beskikbaar):

243 MARK ST RICHMOND

E-POS ADRES (indien beskikbaar): _____

SELFOONNOMMER: 0845517515

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos		Pos		WhatsApp		SMS	
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Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Karin McKay

VAN: McKay.

POS ADRES (indien beskikbaar):

PO BOX 66 Richmond 7690

E-POS ADRES (indien beskikbaar): kmckey@mweb.co.za.

SELFOONNOMMER: 082 5636 220.

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n \checkmark)

E-pos	<input checked="" type="checkbox"/>	Pos	<input type="checkbox"/>	WhatsApp	<input checked="" type="checkbox"/>	SMS	<input type="checkbox"/>
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HANDTEKENING: 

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM:

LEN RUNDIE RICHMOND Chamber of

VAN:

RUNDIE COMMERCE

POS ADRES (indien beskikbaar):

P.O Box 16 RICHMOND

E-POS ADRES (indien beskikbaar):

LENRUNDIE@GMAIL.COM

SELFOONNOMMER:

0824988650

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

<input checked="" type="checkbox"/> E-pos	<input type="checkbox"/>	<input type="checkbox"/> Pos	<input type="checkbox"/>	<input type="checkbox"/> WhatsApp	<input type="checkbox"/>	<input type="checkbox"/> SMS	<input type="checkbox"/>
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HANDTEKENING:



**ENVIRONMENTAL IMPACT ASSESSMENT AND
PUBLIC PARTICIPATION PROCESSES
FOR THE
GREAT KAROO CLUSTER OF RENEWABLE ENERGY
FACILITIES NEAR RICHMOND, NORTHERN CAPE
PROVINCE**

DFFE Reference Numbers:

Angora Wind Farm:	14/12/16/3/3/2/2113
Merino Wind Farm:	14/12/16/3/3/2/2114
Nku Solar PV:	14/12/16/3/3/2/2115
Moriri Solar PV:	14/12/16/3/3/2/2116
Kwana Solar PV:	14/12/16/3/3/2/2118

**MEETING NOTES OF THE FOCUS GROUP MEETING HELD WITH
LANDOWNERS & OCCUPIERS
ON THURSDAY, 02 DECEMBER 2021 AT 18H00
VENUE: RONDAWEL FARM**

Notes for the Record prepared by:

Rendani Rasivhetshela, Mmakoena Mmola & Nicolene Venter

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

*Please note that these notes are not verbatim, but a summary of the comments submitted at the meeting.
Please address any comments to Savannah Environmental at the above address*

GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES NEAR RICHMOND, NORTHERN CAPE PROVINCE

RECORD OF ATTENDEES (Alphabetically according to name)

Name	Position
Andrew Gerbon	Occupant: Rondawel
Elrico Nelson	Occupant: Rondawel
Elize Adams	Occupant: Rondawel
Herry Snyders	Occupant: Grootaar
Jan Victor	Landowner: Grootaar
Lunga Jaxa	Occupant: Rondawel
Piet Snyders	Occupant: Rondawel
Pieter van der Merwe	Landowner: Rondawel
Siena Snyders	Occupant: Rondawel
Stephanus van den Heever	Occupant: Grootaar
Willem Fritz	Occupant: Rondawel
Willem Yekani	Occupant: Grootaar
Great Karoo Renewable Energy (Pty) Ltd	
Romaya Dorasamy	Developer
Savannah Environmental	
Mmakoena Mmola	Environmental Assessment Practitioner (Wind Energy Facilities)
Rendani Rasivhetshela	Environmental Assessment Practitioner (Solar Photovoltaic Facilities)
Nicolene Venter	Public Participation and Social Consultant

The signed attendance records are attached as **Appendix A**.

PRESENTATION

The project was presented in Afrikaans as all the occupants are fluent in Afrikaans with limited or no knowledge of English.

DISCUSSION SESSION

The attendees (occupiers) expressed their appreciation for the information shared and informed the project team that they will have questions when the information shared has been discussed amongst them.

The project team was also informed that they would be prepared with questions during the impact phase.

The meeting was concluded at 19h00.

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die ^{7busgroep} inligtingsessie ^{veelgobring} gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaat, Richmond
om 18h00 te Knataand,

NAAM: Willem

VAN: Yekani

POS ADRES (indien beskikbaar):

E-POS ADRES (indien beskikbaar): grootaarce

SELFOONNOMMER: _____

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos		Pos		WhatsApp		SMS	
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HANDTEKENING: Willem

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Stephanus

VAN: Van den Heever

POS ADRES (indien beskikbaar):

E-POS ADRES (indien beskikbaar): groosaarcc@gmail.com

SELFOONNOMMER: _____

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos	<input checked="" type="checkbox"/>	Pos	<input checked="" type="checkbox"/>	WhatsApp	<input checked="" type="checkbox"/>	SMS	<input type="checkbox"/>
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HANDTEKENING: 

Great Karoo Cluster of Renewable Energy Facilities Kragaanlegte

ATTENDANCE REGISTER

I hereby confirmed my attendance at the Information Session held on
Thursday, 02 December 2021 from 14h00 to 17h00 at the Showground Hall, Richmond

NAME: Piet

SURNAME: Snyders

POSTAL ADDRESS (if applicable):

E-MAIL ADDRESS (if available): _____

MOBILE NUMBER: 0791579393

Preferred method of communication (please indicate preference with a v)

E-mail	<input type="checkbox"/>	Post	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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SIGNATURE: P. Snyders

Great Karoo Cluster of Renewable Energy Facilities Kragaanlegte

ATTENDANCE REGISTER

I hereby confirmed my attendance at the Information Session held on
Thursday, 02 December 2021 from 14h00 to 17h00 at the Showground Hall, Richmond

NAME: Elize

SURNAME: Adams

POSTAL ADDRESS (if applicable):

E-MAIL ADDRESS (if available): _____

MOBILE NUMBER: 0656757365

Preferred method of communication (please indicate preference with a ✓)

E-mail	<input type="checkbox"/>	Post	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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SIGNATURE: Elize Adams

Great Karoo Cluster of Renewable Energy Facilities Kragaanlegte

ATTENDANCE REGISTER

I hereby confirmed my attendance at the Information Session held on
Thursday, 02 December 2021 from 14h00 to 17h00 at the Showground Hall, Richmond

NAME: Siana

SURNAME: Snyders

POSTAL ADDRESS (if applicable):

E-MAIL ADDRESS (if available): _____

MOBILE NUMBER: 0733324961

Preferred method of communication (please indicate preference with a v)

E-mail	<input type="checkbox"/>	Post	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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SIGNATURE: S. S.

Great Karoo Cluster of Renewable Energy Facilities Kraganlegte

ATTENDANCE REGISTER

I hereby confirmed my attendance at the Information Session held on
Thursday, 02 December 2021 from 14h00 to 17h00 at the Showground Hall, Richmond

NAME: HERRA

SURNAME: SOXKEMAS

POSTAL ADDRESS (if applicable):

E-MAIL ADDRESS (if available): _____

MOBILE NUMBER: _____

Preferred method of communication (please indicate preference with a v)

E-mail		Post		WhatsApp		SMS	
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SIGNATURE: 

Great Karoo Cluster of Renewable Energy Facilities Kragaanlegte

ATTENDANCE REGISTER

I hereby confirmed my attendance at the Information Session held on
Thursday, 02 December 2021 from 14h00 to 17h00 at the Showground Hall, Richmond

NAME: Andrew

SURNAME: Gerber

POSTAL ADDRESS (if applicable):

E-MAIL ADDRESS (if available): _____

MOBILE NUMBER: 0833696113

Preferred method of communication (please indicate preference with a ✓)

E-mail	<input type="checkbox"/>	Post	<input type="checkbox"/>	WhatsApp	<input type="checkbox"/>	SMS	<input type="checkbox"/>
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SIGNATURE: Gerber

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Pieter v d Meewe

VAN: Vander Meewe

POS ADRES (indien beskikbaar):

Bus 51 Richmond 7090

E-POS ADRES (indien beskikbaar): pieter@greatkaroo.energy

SELFOONNOMMER: 0829449177

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos		Pos		WhatsApp	<input checked="" type="checkbox"/>	SMS	
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HANDTEKENING:



Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Jan Victor

VAN: _____

POS ADRES (indien beskikbaar):

Bus 197, Victoria - Wes

E-POS ADRES (indien beskikbaar): janvictor197@gmail.com

SELFOONNOMMER: 0823735060

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos		Pos		WhatsApp	X	SMS	
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Handwritten signature

Groot Karoo-Groep Hernubare Kragaanlegte

BYWONINGS REGISTER

Hiermee bevestig ek my bywoning by die Inligtingsessie gehou op
Donderdag, 02 Desember 2021 vanaf 14h00 tot 17h00 te Skousaal, Richmond

NAAM: Elrico

VAN: Nelson

POS ADRES (indien beskikbaar):

E-POS ADRES (indien beskikbaar): _____

SELFOONNOMMER: _____

Voorkeur van kommunikasie (dui asb u voorkeur aan met 'n v)

E-pos		Pos		WhatsApp		SMS	
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Great Karoo Cluster of Renewable Energy Facilities Kragaanlegte

ATTENDANCE REGISTER

I hereby confirmed my attendance at the Information Session held on
Thursday, 02 December 2021 from 14h00 to 17h00 at the Showground Hall, Richmond

NAME: LYNCHA

SURNAME: SIXA

POSTAL ADDRESS (if applicable):

E-MAIL ADDRESS (if available): _____

MOBILE NUMBER: 07323 62783

Preferred method of communication (please indicate preference with a v)

E-mail		Post		WhatsApp	<input checked="" type="checkbox"/>	SMS	
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SIGNATURE: SIXA

VENUE OF FOCUS GROUP MEETING HELED ON THURSDAY, 02 DECEMBER 2021 – Held at the Farm Rondawel



APPENDIX C9
COMMENTS AND RESPONSES REPORT

Updated Comments and Responses Report
(To be included in the final EIA Report)

SCOPING PHASE

**MORIRI SOLAR PHOTOVOLTAIC, NORTHERN CAPE PROVINCE
(DFFE Ref. No.: 14/12/16/3/3/2/2116)
COMMENTS AND RESPONSES REPORT**

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1.2. Key Stakeholders and I&APs	12
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2.2. Key Stakeholders and Interested & Affected Parties	14

The Scoping Phase of the Environmental Impact Assessment (EIA) Process for the Moriri Solar Photovoltaic (PV) Facility, which is planned as part of a larger cluster of renewable energy projects, was announced on **Thursday, 21 October 2021**. The Background Information Document was distributed together with a notification letter which served to invite Interested and Affected Parties (I&APs) to register their interest in the project and to submit any comments / queries they may have on any of the proposed developments that make up the Great Karoo Cluster of Renewable Energy Facilities, including the Moriri Solar PV Facility.

The Scoping Report was made available for a 30-day review and comment period from **Friday, 12 November 2021** until **Monday, 13 December 2021**. All written comments received to date have been included in the table below and in **Appendix C7** to the final Scoping Report. The Comments and Responses Report (C&RR) is included as a separate document to the final Scoping Report as **Appendix C9**.

NOTE:

All comments captured in the C&RR are verbatim and have not been summarised.

Notes for the record for all meetings held during the 30-day review and comment period of the Scoping Report are included as **Appendix C8** to the final Scoping Report and do not form part of this C&RR.

LIST OF ABBREVIATIONS / ACRONYMS

APM	Archaeology, Palaeontology and Meteorites	NEMA	National Environmental Management Act
BID	Background Information Document	NHRA	National Heritage Resources Act
C&RR	Comments and Responses Report	OoS	Organs of State
CBA	Critical Biodiversity Area	PIA	Palaeontological Impact Assessment
DFFE	Department of Forestry, Fisheries and the Environment	PP	Public Participation
DWS	Department of Water and Sanitation	REIPPP	Renewable Energy Independent Power Producer Programme
EA	Environmental Authorisation	SABAA	South African Bat Assessment Association
EAP	Environmental Assessment Practitioner	SAHRA	South African Heritage Resources Agency
EIA	Environmental Impact Assessment	SAHRIS	South African Heritage Resources Information System
FGM	Focus Group Meeting	SR	Scoping Report
HIA	Heritage Impact Assessment	S&EIR	Scoping and Environmental Impact Report
KSW	Key Stakeholder Workshop		

1. COMMENTS RECEIVED DURING THE SCOPING REPORT REVIEW & COMMENT PERIOD

1.1. Organs of State

No.	Comment	Raised by	Response
1.	Please apply for water use authorisation where necessary. Attached is the Section 21 c and I water uses checklist	Pieter Ackerman Chief Landscape Architect Sub Directorate Instream Water Use DWS E-mail: 11 November 2021	The water use authorisation application process will be initiated once positive Environmental Authorisations (EAs) have been received and the projects are selected as Preferred Bidder under the Renewable Energy Independent Power Producer Programme (REIPPPP) or similar programme.
2.	Your notification dated 12 November 2021 refers. In reference to the Electronic Communications Act no. 36 of 2005 I hereby inform you that the proposed work indicated on your drawing is approved in terms of the Electronic Communications Act no. 36 of 2005 No underground telecommunication infrastructure owned by Telkom SA SOC Ltd is affected. Approval of the proposed route is valid for six months. If construction has not yet commenced within this time period then the file must be resubmitted for approval. Any changes and deviations from the original planning during construction must be immediately communicated to this office.	Portia Mkhathini Wayleave Officer Network Operations openserve (Telkom SA SOC Ltd) E-mail: 18 November 2021	The validity of the approval of the proposed route for a six (6)-month period is noted and has been submitted to the applicant for record keeping purposes. Consultation with openserve will take place during the EIA phase in which the company will be informed that should the projects receive an EA, the applicant will be in contact with openserve before construction commences.
3.	This letter serves to inform you that the following information must be included to the final Scoping Report: a) Listed Activities	Thabile Sangweni Case Officer DFFE	

<ul style="list-style-type: none"> i. Please ensure that all relevant listed activities 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. ii. If the activities applied for in the application form differ from those mentioned in the final SR, 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. iii. It is imperative that the relevant authorities are continuously involved throughout the 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. 	<p>Letter: 02 December 2021</p>	<ul style="list-style-type: none"> i. All relevant listed activities that are specific to the proposed project and its associated infrastructure, and which can be linked to the development activity or infrastructure have been identified and applied for. The specific aspect of the project activities associated with each Listed Activity is detailed in the application and in Table 6.1 of the Final Scoping Report. ii. Listed Activities applied for in the Application Form submitted to the DFFE do not differ from those included in the Final Scoping Report (refer to Table 6.1 of the Final Scoping Report). An amended Application Form is therefore not required. iii. The relevant authorities are being kept inform throughout the EIA process, including through the public participation process, regarding this application and written comments have been and will continued to be sourced.
<p>b) Alternatives</p> <ul style="list-style-type: none"> i. Please provide a description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity as per Appendix 2 of GN R.982 of 2014 (as amended). 		<p>A description of identified reasonable and feasible alternatives is provided in Chapter 3 of the Final Scoping Report.</p>
<ul style="list-style-type: none"> ii. Alternatively, you should submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist in terms of Appendix 2. 		<p>Where no alternatives have been considered, motivation has been included (refer to Section 3.3. of Chapter 3 of the final Scoping Report).</p>
<p>c) Public Participation Process</p>		

	<p>i. Please ensure that all issues raised and comments received during the circulation of the draft SR from registered I&APs and organs of state (including this Department's Biodiversity Section), which have jurisdiction in respect of the proposed activity are adequately addressed in the final SR.</p>		<p>All issued raised and comments received during the 30-day review and comment period of the Scoping Report, including those of the DFFE: Directorate Biodiversity Conservation have been adequately addressed in this C&RR which is included as Appendix C9 to the final Scoping Report.</p>
	<p>ii. Proof of correspondence with the various stakeholders must be included in the final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.</p>		<p>Proof of correspondence with the various stakeholders are included in Appendix C5 and C6 of the final Scoping Report, including attempts to obtain comments during the 30-day review and comment period of the Scoping Report.</p>
	<p>iii. The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 & 44 of the EIA Regulations 2014, as amended and as per the approved PP Plan.</p>		<p>The Public Participation Process has been conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations 2014, as amended (GNR 326), as well as in accordance with the approved Public Participation Plan (Appendix C1) as follows:</p> <ul style="list-style-type: none"> • Project database: A register of I&APs has been compiled and will be updated throughout the EIA process (Appendix C2). • EIA & Public Participation process announcements: <ul style="list-style-type: none"> ○ The BID, accompanied by a cover letter inviting I&APs to register on the project database, was distributed via email to identified I&APs and relevant OoS on 21 October 2020 (refer to Appendices C4, C5 & C6 of the final Scoping Report.) ○ An advertisement was placed in The Echo Newspaper on Thursday, 23 September 2021 (refer to Appendix C3 of the final Scoping Report). ○ Site Notices announcing the EIA process were placed at visible points the along the boundary of the proposed development site in accordance with the requirements of the EIA Regulations on 28-30

			<p>September 2021 (refer to Appendix C3 of the final Scoping Report).</p> <ul style="list-style-type: none"> o Process Notices were placed at various public places in Richmond (refer to Appendix C3 of the final Scoping Report). <ul style="list-style-type: none"> • Scoping Report available for review and comment: <ul style="list-style-type: none"> o Registered I&APs were notified of the availability of the Scoping Report for a 30-day review and comment period via e-mail on 12 November 2021 (refer to Appendix C6 of the final SR). o Commenting authorities, municipal councillor and local and district municipalities which have jurisdiction in the area were requested to submit written comments on the Scoping Report via email on 12 November 2021 (refer to Appendix C5 of the final SR). o An advertisement was placed in The Echo Newspaper on Friday, 12 November 2021 (refer to Appendix C3 of the final Scoping Report). o Live read (radio) on Radio Sonder Grense (RSG) 100-104 FM announcing the availability of the Scoping Report for a 30-day review and comment period was aired on Saturday, 13 November 2021. A further live read as a reminder of the availability of the Scoping Report for review and comment was aired on Saturday, 29 November 2021. (Refer to Appendix C3 of the final Scoping Report for proof of the live read). • Attempt to obtain comments on the BA Report: <ul style="list-style-type: none"> o An e-mail to all registered I&APs and OoS as a reminder of the availability of the Scoping Report for review and comment was sent on 06 December 2021 (refer to Appendices C5 & C6 of the final Scoping Report).
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			<ul style="list-style-type: none"> • Various Meetings were held during the 30-day review and comment period of the Scoping Report (refer to Appendix C8 of the final Scoping Report for the meeting notes): <ul style="list-style-type: none"> ○ A virtual Key Stakeholder Workshop (KSW) was held on 23 November 2021. ○ A virtual Focus Group Meeting (FGM) with District & Local Municipal Officials was held on 06 December 2021.; ○ An Information Session / Poster Display was held at Richmond Showgrounds on 02 December 2021 from 14h00 to 17h00. ○ A FGM with landowners and occupiers was held on 02 December 2021 at 18h00. ○ A FGM with Ubuntu Local Municipal Officials on was held 03 December 2021. • Consultation: <ul style="list-style-type: none"> ○ Proof of consultation with I&APs and OoS throughout the EIA process to date is included in Appendices C5 & C6 of the final Scoping Report. • Comments & Responses Report: <ul style="list-style-type: none"> ○ All comments received from the announcement of the Scoping & EIA process and those submitted during the 30-day review and comment period of the Scoping Report have been captured in this C&RR which is attached as a separate document to the final Scoping Report (refer Appendix C9).
	<p>iv. A comments and response trail report (C&R) must be submitted with the final SR. The C&R report must incorporate all historical comments for this development. The C&R 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.</p>		<p>All comments received from the announcement of the Scoping & EIA process and those submitted during the 30-day review and comment period of the Scoping Report have been captured in this C&RR which is attached as a separate document to the final Scoping Report (refer Appendix C9).</p>

<p>v. 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 I&APs' comments.</p>		<p>Comments received have not been summarised for inclusion in the C&RR and have been captured verbatim.</p> <p>All comments have been responded to adequately, as applicable, and no comments have been responded to as "noted".</p>
<p>vi. The final SR must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development particularly the Western Cape Department of Western Cape Department of Environmental Affairs and Development Planning, and the District and Local Municipalities.</p>		<p>The Scoping Report has not been submitted to the Western Cape Department of Environmental Affairs and Development Planning as the project is located within the Northern Cape Province. The Scoping Report has been submitted to the relevant competent authorities within the Northern Cape Province for comment, including the Pixley ka Seme District and the Ubuntu Local Municipalities.</p>
<p>vii. 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 SR.</p>		<p>All meeting notes (virtual and face-to-face meetings) are included in Appendix C8 of the final Scoping Report including the attendance registers.</p>
<p>d) <u>Layout & Sensitivity Maps</u></p> <p>i. Please provide a layout map which indicates the following:</p> <ul style="list-style-type: none"> a) The envisioned area for the wind energy facility, i.e. placing of wind turbines and all associated infrastructure; b) Permanent laydown area footprint; c) All supporting onsite infrastructure e.g. roads (existing and proposed); d) Substation(s) and/or transformer(s) sites including their entire footprint; e) Connection routes (including pylon positions) to the distribution/transmission network; and f) All existing infrastructure on the site. 		<p>Please refer to Appendix L for preliminary layout map. It should be noted that the full extent of the development area has been considered within this final scoping report with the aim of determining the suitability from an environmental and social perspective and identifying the areas that should be avoided in the development planning. Within the identified development area, a facility layout will be defined for assessment in the EIA phase. The layout map will be prepared in accordance with this requirement.</p>

	<ul style="list-style-type: none"> ii. Please provide an environmental sensitivity map which indicates the following: <ul style="list-style-type: none"> a) The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected; b) Buffer areas; and, c) All "no-go" areas. iii. The above layout map must be overlain with the sensitivity map and a cumulative map which shows neighbouring energy developments and existing grid infrastructure. 		<ul style="list-style-type: none"> i. Please refer to figure 9.1 (sensitivity map) of the final scoping report indicating all pre-liminary sensitivities identified during the scoping phase and associated recommended buffers. Once a detailed facility layout is available for the proposed development, the layout map will be overlain with the sensitivity map as per this requirement. ii. A cumulative map which shows neighbouring renewable energy developments and existing grid infrastructure is included as Figure 8.8 of the final scoping report.
	<p>e) Specialist Assessments</p> <ul style="list-style-type: none"> i. The EAP must ensure that the terms of reference for all the identified specialist studies include the following: <ul style="list-style-type: none"> a) A detailed description of the study's methodology; indication of the locations and descriptions of the development footprint, and all other associated infrastructures that they have assessed and are recommending for authorisation. b) Provide a detailed description of all limitations to the studies. All specialist studies must be conducted in the right season and providing that as a limitation will not be accepted. c) Please note that the Department considers a 'no-go' area, as an area where no development of any infrastructure is allowed; therefore, no development of associated infrastructure including access roads is allowed in the 'no-go' areas. d) Should the specialist definition of 'no-go' area differ from the Department's definition; this must be clearly indicated. The specialist must also indicate the 'no-go' area's buffer if applicable. 		<p>The specialists were provided with the same terms of reference as follows:</p> <ul style="list-style-type: none"> a) The specialists were provided with the same detailed description of the development footprint and all other associated infrastructures which have been assessed in the various studies. As the process is in the Scoping Phase, no recommendations regarding recommendations for authorisation have been made as yet. b) All specialist studies have provided a description of the methodology used and all limitations. In addition, all specialist studies have been conducted in the right seasons, where relevant. c) The Department's definition of 'no go' areas is noted. This is the same approach taken by the EAP and specialists. d) The specialist's definition of 'no go' areas does not differ from that of the Department. Please note all no-go zones and buffers as determined by specialists are clearly indicated and will be adhered to by the developer during the final layout design for submission to the Competent Authority for decision making and approval.

	<p>e) All specialist studies must be final, and provide detailed/practical mitigation measures for the preferred alternative and recommendations, and must not recommend further studies to be completed post EA.</p> <p>f) Should a specialist recommend specific mitigation measures, these must be clearly indicated.</p> <p>g) Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expertise advice.</p>		<p>e) All specialist studies included have been conducted as part of the scoping phase as desktop studies based on the available information. Recommendations were made by relevant specialist for further studies to be undertaken in the EIA phase. Detailed assessments will be submitted as part of the EIA phase.</p> <p>f) The birds and bats specialist studies have been conducted taking into considerations the Birdlife South Africa and SABAA guidelines. The guidelines were consulted to determine the level of survey effort that will be required in the EIA phase. These guidelines are supported from by Birdlife South Africa and the South African Bat Assessment Association (SABAA).</p> <p>g) All recommended mitigations measures provided by the specialists will be clearly indicated in the EIA Report.</p>
	<p>ii. 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 must be conducted in accordance with these protocols.</p>		<p>The specialist studies have been conducted in accordance with Government Notice No. 320 of 20 March 2020 (i.e., "the protocols"), and Government Notice No. 1150 of 30 October 2020 (i.e., protocols for terrestrial plant and animal species).</p>
	<p>iii. <u>As such, the Specialist Declaration of Interest forms must also indicate the scientific organisation registration/member number and status of registration/membership for each specialist.</u></p>		<p>Signed and commissioned specialist declarations, including the scientific organisation registration/member number, and status of registration/membership for each specialist are contained in Appendix M of the final Scoping Report.</p>
	<p>f) Cumulative Assessment</p>		

	<p>i. If there are any other similar facilities within a 30km radius of the proposed development site, a cumulative impact assessment must be conducted for all identified and assessed impacts which must indicate the following:</p> <p>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.</p> <p>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.</p> <p>c) The cumulative impacts significance rating must also inform the need and desirability of the proposed development.</p> <p>d) A cumulative impact environmental statement on whether the proposed development must proceed.</p>		<p>A scoping level cumulative assessment is provided in Section 8.4 of the Final Scoping Report. Ten authorized renewable energy facilities within a 30km radius of the proposed development have been identified as detailed in Section 9.4 of the Scoping Report. An evaluation of potential cumulative impacts will be undertaken during the EIA Phase of the process in accordance with these requirements.</p>
	<p>g) Specific comments</p> <p>i. The approved PP plan with the approval email must be submitted with the final SR and must be included as an Appendix under the Public Participation Process.</p> <p>ii. Proof of landowner consent by the applicant must be submitted with the final SR.</p>		<p>The approved PP plan, including the approval e-mail, is included in Appendix C1 of the final Scoping Report.</p> <p>The signed landowner consent was attached as Appendix 3 of the Application Form for Environmental Authorisation. Please refer to Appendix P for signed landowner consent.</p>
	<p>You are further reminded to comply with Regulation 21(1) of the NEMA EIA Regulations 2014, as amended, which states that:</p>		<p>All timeframes as per regulations Regulation 21(1) of the NEMA EIA Regulations 2014, as amended, will be adhered to.</p>

	<p><i>"If S&EIR must be applied to an application, the applicant must, within 44 days of receipt of the application by the competent authority, submit to the competent authority a scoping report which has 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"</i></p> <p>You are further reminded that the final SR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of Scoping reports in accordance with Appendix 2 and Regulation 21(1) of the EIA Regulations 2014, as amended.</p> <p>Further 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 timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).</p> <p>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.</p>		
4.	<p>The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit notes the pending assessment of the impact to heritage resources and requests that the assessment comply with section 38(3) of the NHRA. The Heritage Impact Assessment (HIA) must contain an archaeological component that must be conducted by a qualified archaeologist and the report comply with the SAHRA 2007 Minimum Standards: Archaeological and Palaeontological Components of Impact Assessment Reports.</p>	<p>Natasha Higgitt Heritage Officer SAHRA</p> <p>Letter: 03 December 2021</p>	<p>As part of the Scoping Phase, a heritage screener was produced for the proposed development which indicated that as few or no surveys have been undertaken for the proposed development, a full Heritage Impact Assessment (HIA) with a detailed field component must be undertaken.</p> <p>The full HIA will be submitted as part of the EIA Report during the EIA Phase of the process. As per this requirement, the HIA will contain an archaeological component which has been</p>

	<p>The proposed development is located within an area of very high and moderate Palaeontological Sensitivity as per the SAHRIS PalaeoSensitivity map. As such, a field-based Palaeontological Impact Assessment (PIA) must be undertaken by a qualified palaeontologist. (See https://www.palaeosa.org/heritage-practitioners.html for a list of qualified palaeontologists). The report must comply with the 2012 Minimum Standards: Palaeontological Components of Heritage Impact Assessments.</p> <p>Any other heritage resources as defined in section 3 of the NHRA that may be impacted, such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.</p> <p>Previous comments regarding buffers from scenic routes in the Northern Cape must be taken into consideration during the assessment on the cultural landscape or viewsapes, and the results of the Visual Impact Assessment must be incorporated into the HIA.</p> <p>Further comments will be issued upon receipt of the above requested reports and the draft EIA with all appendices.</p>		<p>conducted by a qualified archaeologist. Furthermore, the report will be prepared in accordance with the SAHRA Minimum Standards: Archaeological and Palaeontological Components of Impact Assessment Report.</p> <p>A field based Palaeontological Impact Assessment (PIA) which will be submitted as part of the EIA Report during the EIA Phase of the process will be prepared for this project. As per this requirement, the assessment will be conducted by a qualified palaeontologist listed on the list of heritage practitioners (https://www.palaeosa.org/heritage-practitioners.html).</p> <p>Furthermore, the report will be prepared in accordance with the 2012 Minimum Standards: Palaeontological Components of Heritage Impact Assessments.</p> <p>As per this requirement, the HIA will include an assessment of all relevant heritage resources as defined in Section 3 of the National Heritage Resources Act (NHRA), including cultural landscapes or viewsapes.</p> <p>A cultural landscape assessment will be undertaken for the proposed development, the results of which will be incorporated into the HIA to be submitted as part of the EIA Report during the EIA Phase of the process.</p> <p>As per this requirement, the cultural landscape assessment will take taken into consideration buffers from scenic routes in the Northern Cape. In addition, the results of the Visual Impact Assessment will be incorporated into the cultural landscape assessment.</p> <p>A copy of the Final Scoping Report and the draft EIA Report and supporting appendices will be uploaded onto the South African Heritage Resources Information System (SAHRIS) website under CaseID 17542 for SAHRA's review and comment.</p>
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5.	The Directorate Biodiversity Conservation has reviewed and evaluated the report and does not have any objections to the Draft Scoping Report & Plan of Study provided that all relevant National and Provincial biodiversity guidelines will be considered in the final report.	Portia Makitla DFFE: Biodiversity Conservation Directorate Letter: 10 December 2021	The comment that the Directorate does not have any objections to the Draft Scoping Report and Plan of Study is noted, and no further action is required. It can be confirmed that all relevant National and Provincial biodiversity guidelines will be taken into consideration with the drafting of the final Scoping Report.
	NB: The Public Participation Process documents related to Biodiversity EIA for review and queries should be submitted to the Directorate: Biodiversity Conservation at Email; BCAdmin@environment.gov.za for attention of Mr. Seoka Lekota.		Public Participation Process documents will be submitted together with the Final Scoping Report to the Directorate: Biodiversity Conservation using the contact information as requested.

1.2. Key Stakeholders and I&APs

No.	Comment	Raised by	Response
1.	Business & Financial: We have no objection to any solar development.	Jan Pickard Director Ratelfontein Farms Registration & Comment Form: 12 December 2021	The comment submitted regarding no objection regarding any solar development is acknowledged.

2. COMMENTS RECEIVED DURING THE COMMENCEMENT OF THE SCOPING PHASE OF THE EIA PROCESS

2.1. Organs of State

No.	Comment	Raised by	Response
1.	<p>PROPOSED DEVELOPMENT OF THE GREAT KAROO CLUSTER OF RENEWABLE ENERGY FACILITIES AND GRID CONNECTION INFRASTRUCTURE NEAR RICHMOND, NORTHERN CAPE PROVINCE</p> <p>With reference to your above- mentioned application, I hereby confirm that the proposed work installation is approved in terms of Section 29 of the Electronic Communications Act No. 36 of 2005 as amended.</p> <p>No infrastructure of our Client (Openserve) will be affected by this proposal. We did our utmost to ensure that we indicate our route as accurate as possible and should you discover any of our cables that is not on the sketch please stop and contact us immediately to arrange a site meeting. In the event that our cables are exposed and damaged/stolen by a third party the damages will be repaired at the customer's account. Please make use of pilot holes in order not too damage our infrastructure. Therefore any damages occurred during construction of work will be repaired at the customer's account.</p> <p>Although we are not affected by this proposal, Mr Vivian Groenewald must be contacted at telephone number 081 362 6738 from our Network Field Services. Two (2) weeks prior to commencement of proposed work.</p> <p>Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval.</p>	<p>Chris Schutte Mvelaphande Trading (Telkom SA SOC Ltd)</p> <p>Email: 04 November 2021</p>	<p>It is noted that no Openserve infrastructure will be impacted by the Great Karoo Cluster of Renewable Energy Facilities Grid Connection Infrastructure. Should any possible openserve infrastructure be exposed the applicant will inform openserve.</p> <p>The requirements of openserve are noted. These requirements have been submitted to the developer for their attention and consideration.</p>

No.	Comment	Raised by	Response
	<p>Any changes/deviations from the original planning during or prior to construction must immediately be communicated to this office</p> <p>On completion of this project, please certify that all requirements as stipulated in this letter have been met. Please note that should any of our Client (Openserve) infrastructure has to be relocated or altered as a result of your activities the cos for such alteration or relocation will be for your account in terms of section 25 of the Electronic Communication Act.</p> <p>Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval. Any changes/deviations from the original planning during or prior to construction must immediately be communicated to this office Please notify this office and forward an as built plan, within 30 days of completion of construction.</p> <p>Mr Vivian Groenewald must be contacted at telephone number 081 362 6738 from our Network Field Services. Two (2) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.</p>		<p>The validity of the approval of the proposed route for a six (6)-month period is noted and has been submitted to the applicant for record keeping purposes.</p>

2.2. Key Stakeholders and Interested & Affected Parties

No.	Comment	Raised by	Response
	No comments received.		