

APPENDIX C2:

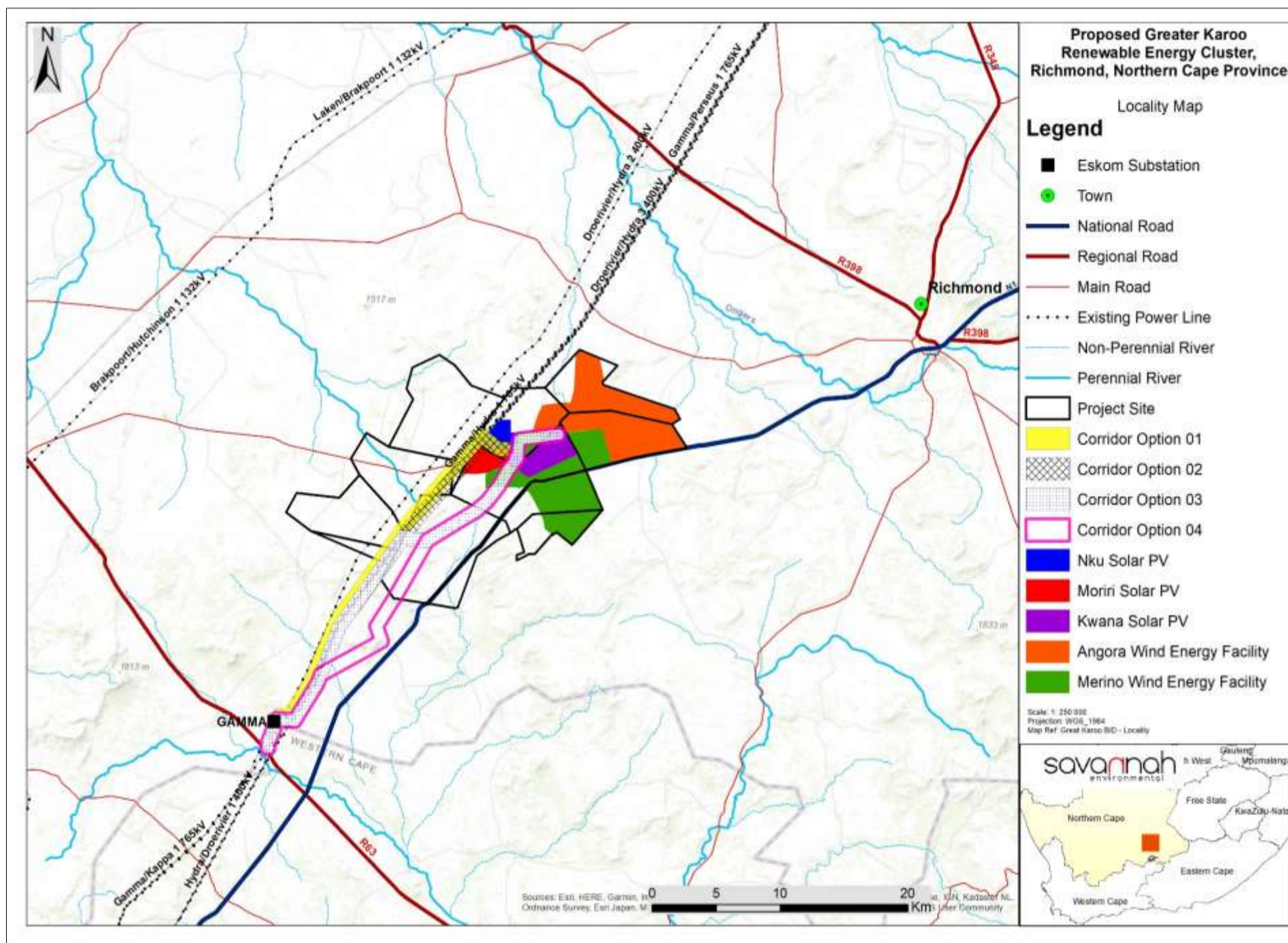
Site Notice and Newspaper Advertisement

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:**

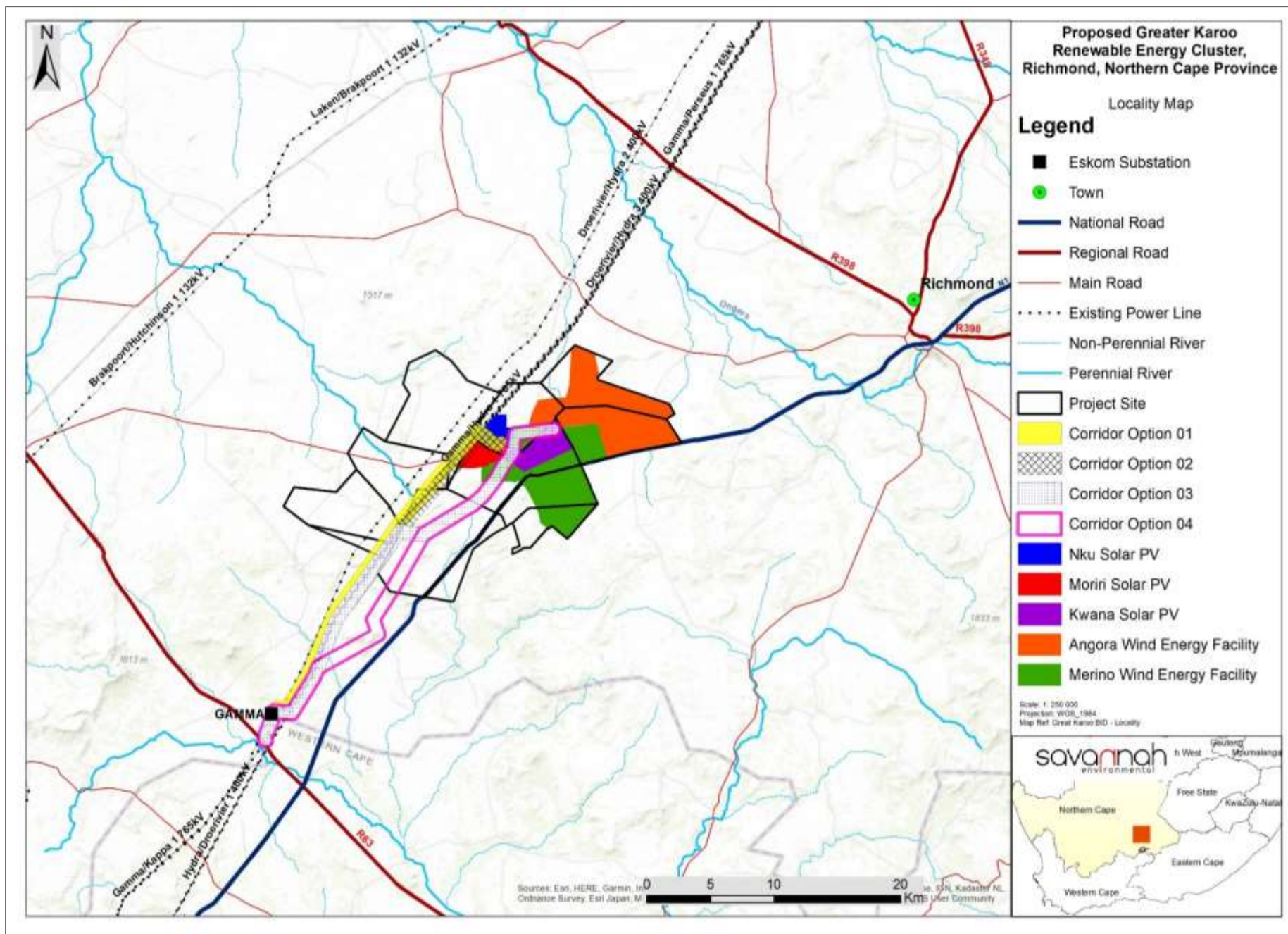
Nicolene Venter at Savannah Environmental
P.O. Box 148, Sunninghill, 2157
Tel: 011 656 3237
Fax: 086 684 0547
Email: publicprocess@savannahsa.com
Website: www.savannahsa.com



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);
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- » 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
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		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

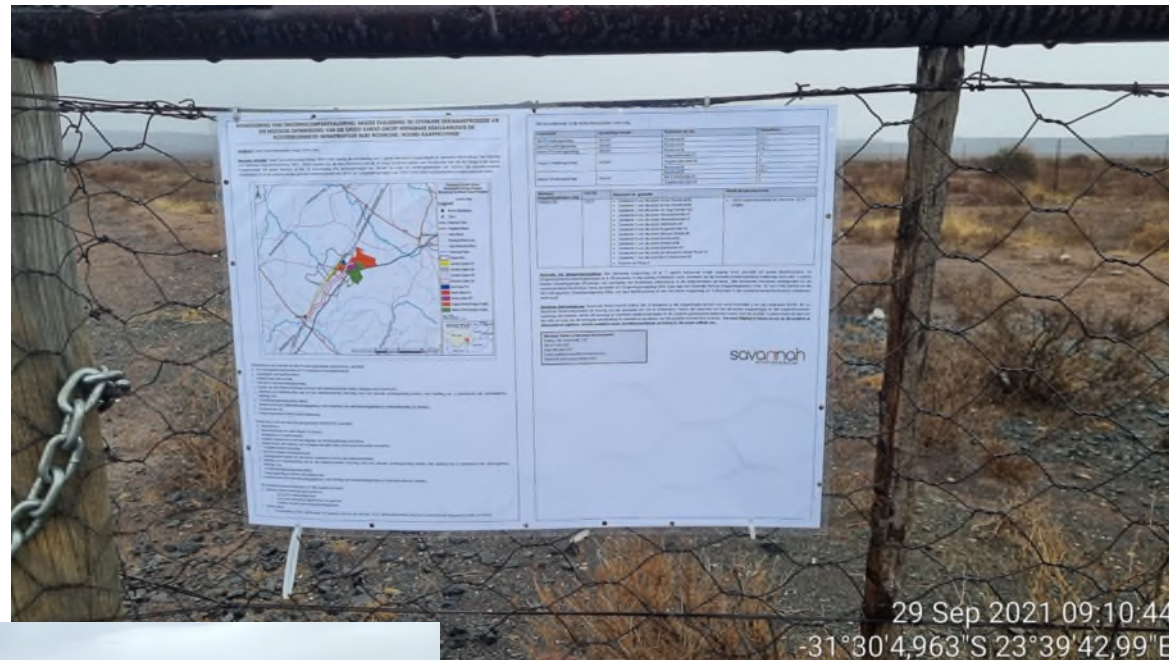
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Nicolene Venter by Savannah Environmental
 Posbus 148, Sunninghill, 2157
 Tel: 011 656 3237
 Faks: 086 684 0547
 E-pos: publicprocess@savannahsa.com
 Webwerf: www.savannahsa.com

savannah
 environmental

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





Process Notices

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

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- » 33/132 kV interne aanlegsubstasie;
- » ondergrondse kables van die interne substasie af tot by die kollektorsubstasie;
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Die roosterkonneksie-infrastruktuur vir alle projekte sal insluit:

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 - verwante toerusting, infrastruktuur en geboue;
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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

Aansoek 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 aansoek 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.

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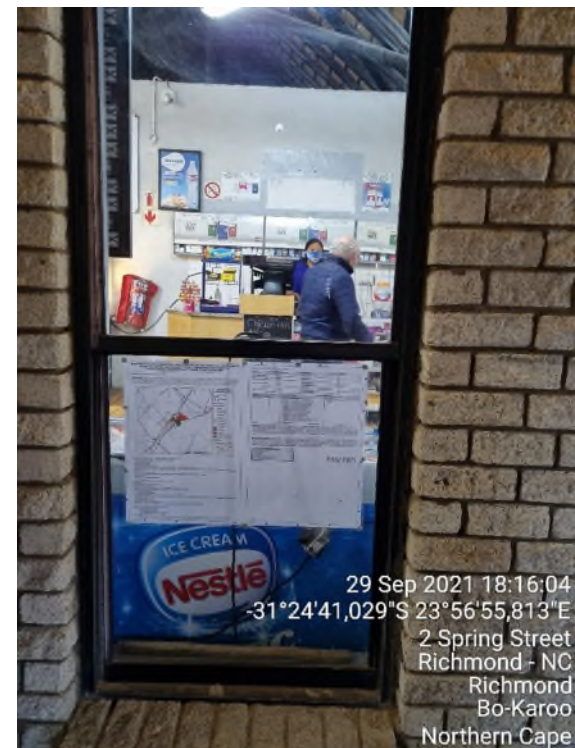
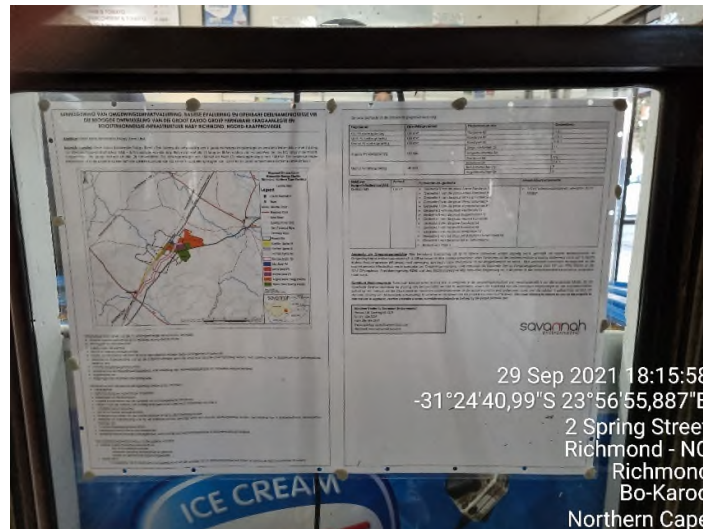
Webwerf: www.savannahsa.com



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

CALTAX SERVICE STATION





AL-AMIN SUPERMARK



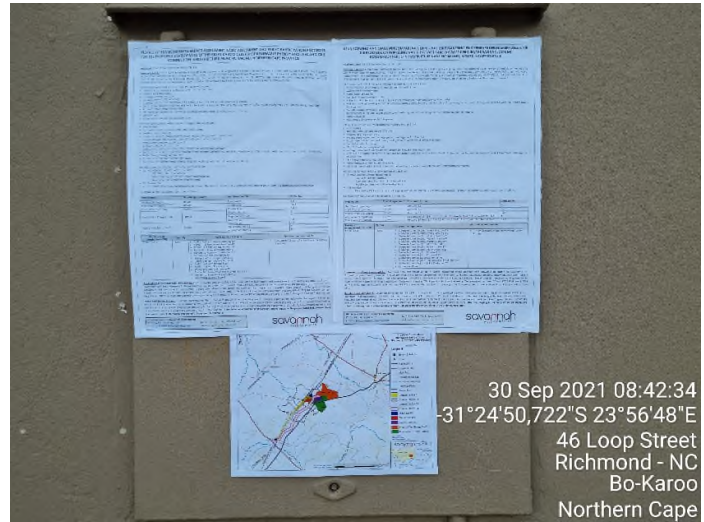
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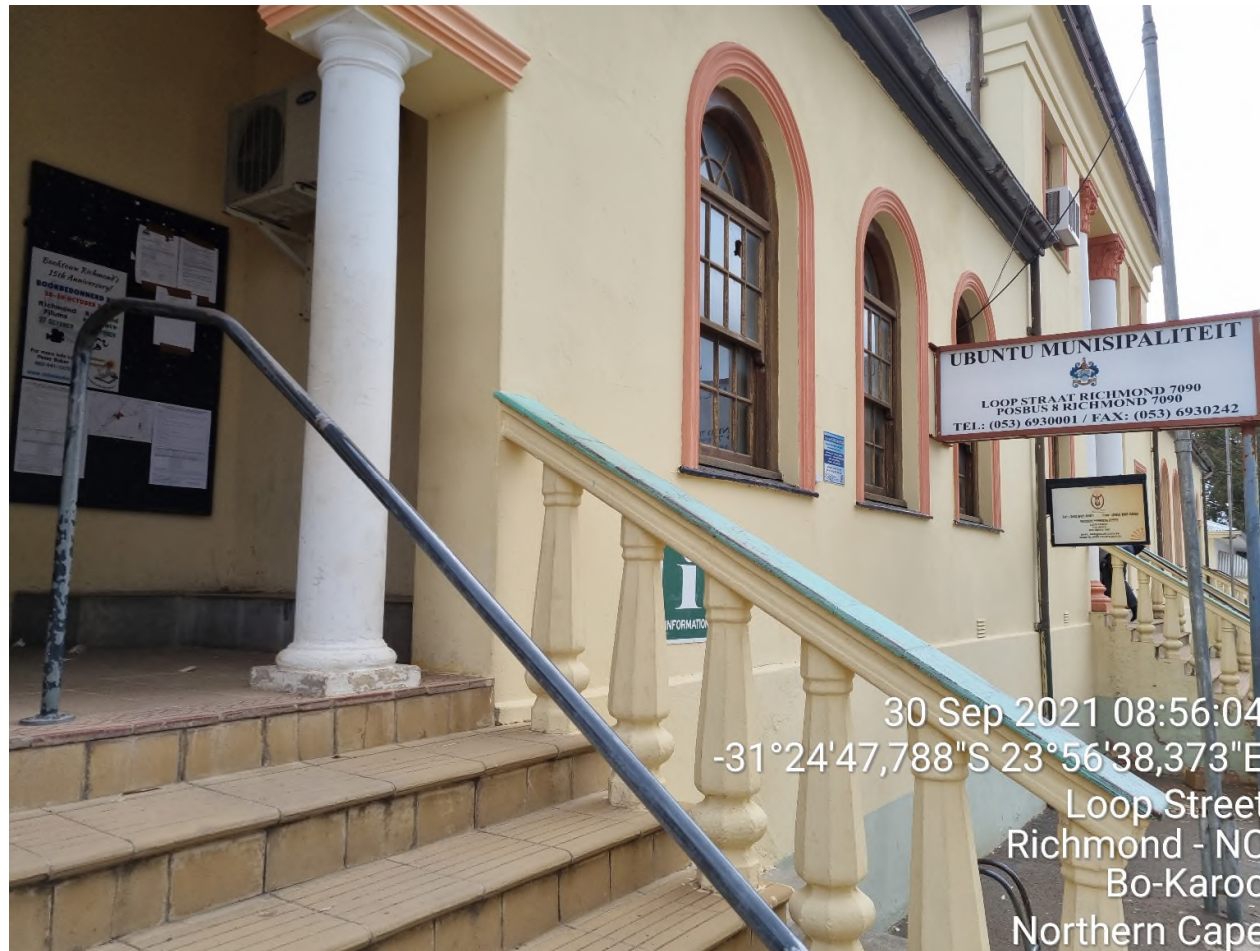
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Bo-Karoo
Northern Cape

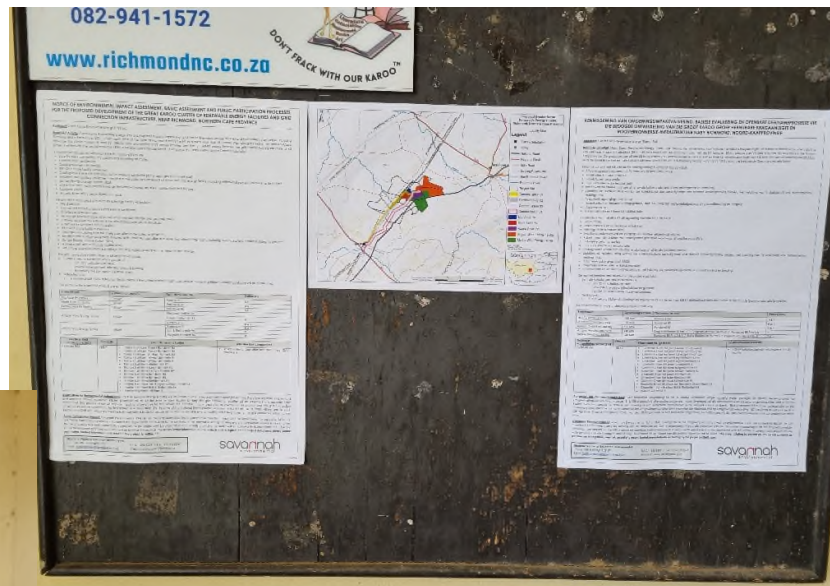


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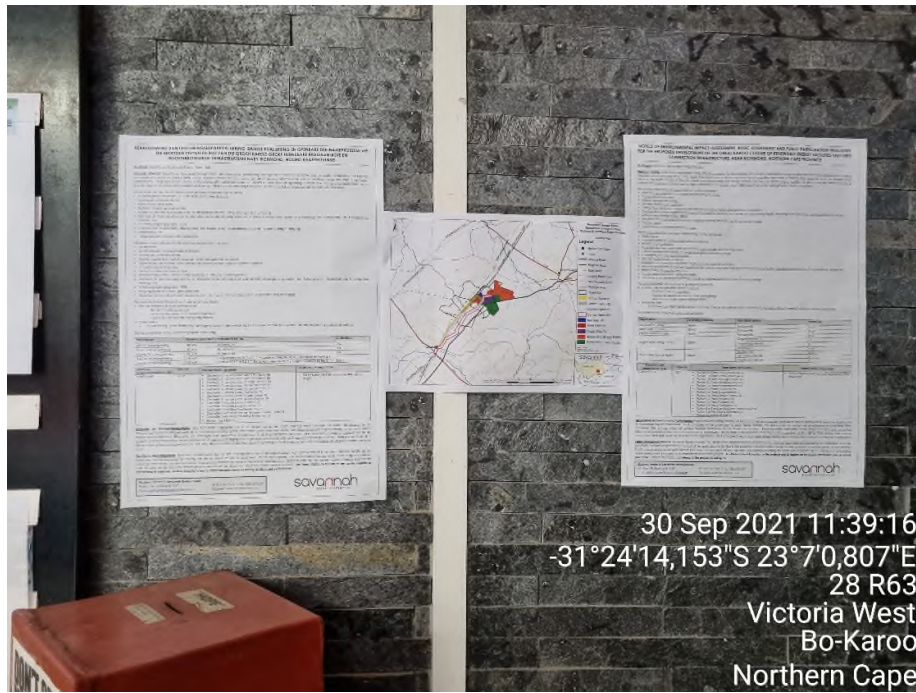
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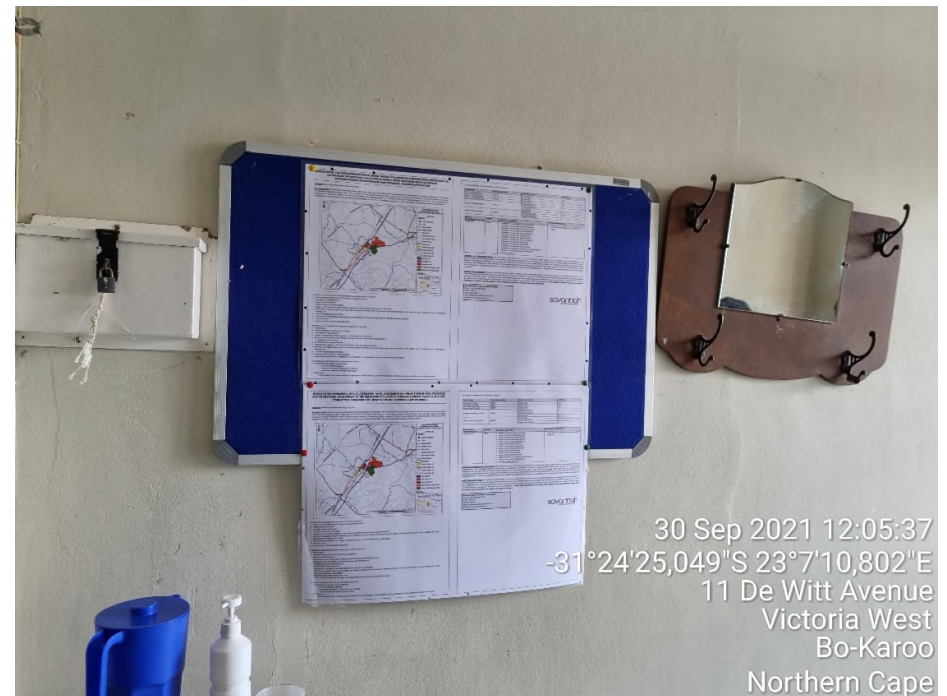
SPAR – VICTORIA WEST





CLINIC – VICTORIA WEST





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



Tearsheet

(To be included in the final Scoping Report)