

Appendix C5:  
Organs of State Correspondence

# SAVANNAH ENVIRONMENTAL WEBSITE

# Great Karoo Cluster of Renewable Energy Facilities

## 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:** Establishment of three (3) Solar Photovoltaic (PV) Energy Facilities, two (2) Wind Energy Facilities and grid connection infrastructure comprising a 132kV central collector substation and 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

- » 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.

### Wind Energy Facilities

- » 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.

### Grid Connection Infrastructure

- » 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.

- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.

**Project Location:** Approximately 35km South-West of the town 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.

#### Solar Energy Facilities

#### Wind Energy Facilities

Project	Property/ies	Project	Property/ies
Nku Solar PV Facility (100MW)	» Farm Rondavel 85 (Portion 0 and 1) – Solar PV Facilities and associated infrastructure.	Angora Wind Energy Facility (140MW)	» Farm Gegundefontein 53 (Portion 11), Farm Vogelstruisfontein 84 (Portion 0), Farm Rondavel 85 (Portion 0 and 1) and Farm Bult & Rietfontein 96 (Portion 9) – Wind Energy Facilities and associated infrastructure.
Moriri Solar PV Facility (100MW)			
Kwana Solar PV Facility (100MW)		Merino Wind Energy Facility (140MW)	

#### Collector Electrical Grid Infrastructure (EGI)

Project	Property/ies
Collector EGI (132kV)	<ul style="list-style-type: none"> <li>» Portion 0 of Farm Annex Rondavel 86</li> <li>» Portion 1 of Farm Annex Rondavel 86</li> <li>» Portion 1 of Farm Uit Vlught Fontein 265</li> </ul>

- » 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
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**Scoping and Environmental Impact Assessment (S&EIA) and Basic Assessment (BA) Processes:** In terms of Sections 24 and 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, and public participation processes for these projects.

Nicolene Venter at Savannah Environmental



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## Documents for public review are available for download.

If you have already registered your interest click on "View Downloads".

Angora Wind Farm

[VIEW DOWNLOAD PAGE](#)

Merino Wind Farm

[VIEW DOWNLOAD PAGE](#)

Nku Solar PV Energy Facility

[VIEW DOWNLOAD PAGE](#)

Kwana Solar PV Energy Facility

[VIEW DOWNLOAD PAGE](#)

Moriri Solar PV Energy Facility

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If you have not registered your interest click on "Register Interest", fill in and submit the form.

Angora Wind Farm

[REGISTER INTEREST](#)

Merino Wind Farm

[REGISTER INTEREST](#)

Nku Solar PV Energy Facility

[REGISTER INTEREST](#)

Kwana Solar PV Energy Facility

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Moriri Solar PV Energy Facility

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SAHRIS UPLOAD



Proof of upload to be included in final Scoping Report

# Correspondence

## Savannah Public Process

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**From:** Chris Schutte (CE) <SchutCE5@telkom.co.za>  
**Sent:** Thursday, 28 October 2021 15:43  
**To:** Savannah Public Process  
**Subject:** FW: CRHC0631-21 Merino Wind Energy Facility

Good day

Hereby do we acknowledge your proposed project.

For future reference please quote CRHC0631-21.

Kind regards

Chris Schutte  
Mvelaphande Trading  
[SchutCE5@telkom.co.za](mailto:SchutCE5@telkom.co.za)  
078 741 5862