

## I&AP Correspondence

13 July 2020

Dear Stakeholder and Interested and/or Affected Party,

## **DEVELOPMENT OF GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE**

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### **NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS**

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The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

The two solar PV facilities are located on the Remaining Extent of the Farm Bloemhoek 61 and will be connected to the Aggeneys Main Transmission Substation (MTS). The grid connection will include a collector substation and a double-circuit power line of up to 220kV. The grid connection will traverse six (6) properties which include:

Remaining Extent of the Farm Bloemhoek 61	Remaining Extent of the Farm Aggeneys 56
Portion 1 of the Farm Aggeneys 56	Portion 2 of the Farm Aggeneys 56
Portion 12 of the Farm Aggeneys 56	Portion 13 of the Farm Aggeneys 56

It is the Developer's intention to bid each solar PV facility under the Department of Mineral Resources and Energy's<sup>1</sup> Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar PV facility will be sold to Eskom and fed into the national electricity grid through the proposed grid connection. The development of the solar PV facilities and the grid connection will assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP), 2019.

The study area is located within Zone 8 of the Renewable Energy Development Zones (REDZ) (also known as the Springbok REDZ).

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<sup>1</sup> The Department of Mineral Resources and Energy is a merge between the Department of Mineral Resources (DMR) and the Department of Energy (DoE).

The applicant for each of the solar PV facilities will be a separate Special Purpose Vehicles (SPV). The applicant for Geelstert 1 is Geelstert Solar Facility 1, and the applicant for Geelstert 2 is Geelstert Solar Facility 2 (Pty) Ltd. The applicant for the Geelstert Grid Connection is ABO Wind renewable energies (Pty) Ltd. Three (3) separate Applications for Environmental Authorisation will be submitted to the Department of Environmental Affairs (DEA).

Infrastructure associated with each solar PV facility will include:

- » Solar PV panels.
- » Centralised inverter stations or string inverters.
- » Cabling between the panels, to be laid underground where practical.
- » An on-site facility substation to facilitate the connection between the solar PV facility and the Eskom electricity grid.
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.
- » Temporary laydown areas.
- » Internal access roads and fencing around the development area.

The Geelstert Grid Connection will be assessed within a grid connection corridor within which grid connection infrastructure will be developed. The grid connection will include a collector substation and an overhead power line with a capacity of up to 220kV, connecting the facilities to the Aggeneis MTS.

Site-specific studies and assessments will be undertaken through the BA processes in order to delineate areas of potential sensitivity within the study area. Once constraining factors have been determined, the layout of each solar PV facility and the grid connection can be planned to minimise social and environmental impacts through appropriate avoidance.

## **BASIC ASSESSMENT PROCESS**

As per the Environmental Impact Assessment Regulations, 2014, as amended, published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the proponents will require authorisation from the DEA (in consultation with Northern Cape Department of Environment and Nature Conservation (DENC)) for the development of the projects. In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended), the Government Notice (R114) and Listing Notices (GNR 327, GNR 325, and GNR 324), the three applications for EA are subject to the completion of Basic Assessment (BA) processes (Geelstert 1 and Geelstert 2 are located within the Springbok REDZ). 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 BAs for the projects to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programme (EMPr) for each report. A combined BA and Public Participation Process will be conducted for the three (3) applications. 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 organisation, which you represent, have been identified as an I&AP for the proposed projects as described above. A background information document, which provides further information on the BA process as well as the nature and extent of the proposed PV facilities and the grid connection, is attached to this letter and is also available for download from the Savannah

Environmental Website: <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>.

## **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 a BA process. The consultation process for these projects has been designed considering these limitations, and the implementation is in line with our public participation plan (PP Plan), as approved by the DEA. Our PP Plan is in compliance with the Department of Environment, Forestry and Fisheries (DEFF) Directions issued on the 5<sup>th</sup> of June 2020. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation: visit <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>.

Alternative means of undertaking consultation have been designed to ensure that I&APs are afforded sufficient opportunity to raise comments on the project, predominately through an interactive web-based platform readily available and accessible to any person with interest in the project, enabling the public participation process to be undertaken in line with Regulations 41 to 44 of the EIA Regulations, 2014, as amended. This online stakeholder engagement platform allows the 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. The use of online tools enables stakeholders and I&APs to explore the project-specific content in their own time, and allows participation in the consultation process in a meaningful way. The online platform allows for instant feedback and comments to be submitted, in so doing saving time for the stakeholder and also giving the assurance that their comments have been submitted for inclusion in the project reporting.

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.
- » Provides a resilient solution to a public consultation process.

Where I&APs do not have the applicable facilities or access to internet, 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.

Should you have an interest in the project, please register yourself as an I&AP on our online stakeholder engagement platform (<https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>) or by completing and returning the attached stakeholder registration/comment form. By registering on the project database, you will be kept informed of the BA processes being undertaken for the projects and will be provided with an opportunity to provide comment and input.

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](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

JULY 2020

**BASIC ASSESSMENT  
AND  
PUBLIC PARTICIPATION PROCESS**

**DEVELOPMENT OF  
GEELSTERT 1 AND GEELSTERT 2  
SOLAR PV FACILITIES AND  
ASSOCIATED GRID CONNECTION SOLUTION  
NEAR AGGENEYS, NORTHERN CAPE**

**savannah**  
environmental

**BACKGROUND INFORMATION DOCUMENT**



The development of two separate solar photovoltaic (PV) facilities of up to 125MW and associated infrastructure is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

The two solar PV facilities are located on the Remaining Extent of the Farm Bloemhoek 61. Both solar PV facilities will be connected to the grid by a single grid connection solution, which consists of a collector substation and a single-circuit power line of up to 220kV. The power line will connect the facilities to the national grid via the existing Aggeneys Main Transmission Substation (MTS) which is located 14.5km west of the study area. The development of the grid connection infrastructure will be assessed as part of a separate Basic Assessment process. The assessment of the grid connection infrastructure will consider a corridor with a width of up to 1km (extending to 2km at the Aggeneys MTS) and a length of up to 17.5km. The following six properties may be impacted by the development of the Geelstert grid connection solution:

Remaining Extent of the Farm Bloemhoek 61	Remaining Extent of the Farm Aggeneys 56
Portion 1 of the Farm Aggeneys 56	Portion 2 of the Farm Aggeneys 56
Portion 12 of the Farm Aggeneys 56	Portion 13 of the Farm Aggeneys 56

The study area is located within Zone 8 of the Renewable Energy Development Zones (REDZ) (also known as the Springbok REDZ), and within the Northern Transmission Corridor. As Geelstert 1 and Geelstert 2 are located within one of the eight REDZ areas, the projects are subject to a Basic Assessment (BA) process, as well as a shortened timeframe of 57 days for the processing of an Application for Environmental Authorisation. The grid connection solution will also be subject to a BA process and will be in-line with the timeframes in accordance with the EIA Regulations, 2014 (as amended).

The nature and extent of the three (3) projects is explored in more detail in this document. The public participation processes for the projects will be undertaken concurrently, providing the public with an opportunity to understand and comment on each of the projects. Each solar PV facility and the grid connection solution will be constructed as separate stand-alone projects, each with a separate project development company or Special Purpose Vehicle (SPV) as the Applicant for each project:

Project Name:	Applicant:	Capacity:
Geelstert 1 (solar PV facility)	Geelstert Solar Facility 1 (Pty) Ltd	Up to 125MW (contracted capacity)
Geelstert 2 (solar PV facility)	Geelstert Solar Facility 2 (Pty) Ltd	Up to 125MW (contracted capacity)
Geelstert Grid Connection	ABO Wind renewable energies (Pty) Ltd	Up to 220kV

It is the Developer's intention to bid each solar PV facility under the Department of Mineral Resources and Energy's (DMRE) Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar PV facility is

intended to be sold to Eskom and fed into the national electricity grid. The development of the facilities and grid connection infrastructure will also assist with achieving the energy mix as set out in the Integrated Resources Plan (IRP).

### 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 proposed solar PV facilities, grid connection solution and associated infrastructure.
  - » An overview of the Basic Assessment (BA) processes and specialist studies being undertaken to assess the projects.
  - » Details of how you can become involved in the BA processes, receive information, or raise comments that may concern and/or interest you.

### OVERVIEW OF THE PROJECTS

In response to the growing electricity demand within South Africa, the need to promote renewable energy and sustainability within the Northern Cape Province, as well as the country's targets for renewable energy, the development of two solar PV facilities of up to 125MW is proposed within the Springbok REDZ. The development of the facilities will add new capacity and transmission infrastructure to the national electricity grid network. The development area for each solar PV facility will be ~550ha in extent. The development footprint of the facility will be located within the development area and will be designed to avoid sensitive environmental areas and features.

Infrastructure associated with each solar PV facility will include:

- » Solar PV panels.
- » Centralised inverter stations or string inverters.
- » Mounting structures to support the PV panels.
- » Cabling between the project components, to be laid underground where practical.
- » On-site inverters to convert the power from a direct current (DC) to an alternating current (AC).
- » An on-site facility substation to facilitate the connection between the solar PV facility and the Eskom electricity grid.
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.
- » Temporary laydown areas.
- » Internal access roads and fencing around the development area.

The grid connection will include a collector substation and an overhead power line with a capacity of up to 220kV connecting the facilities to the Aggeneys Main Transmission Substation (MTS).

Site-specific studies and assessments will be undertaken through the BA processes in order to delineate areas of potential sensitivity within the surrounding areas, the identified study area and grid connection corridor. Once constraining factors have been determined, the layout of the solar PV facilities and the grid connection solution can be planned to minimise social



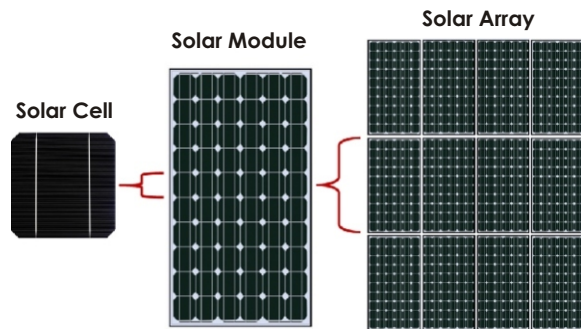
and environmental impacts.

## MORE ABOUT SOLAR PV TECHNOLOGY

Solar energy facilities (such as those that utilise PV technology) 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 Geelstert 1 and Geelstert 2 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 1:** 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 and will either utilise fixed/static support structures or alternatively, they can utilise single or double axis tracking support structures.

### 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.

## 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 applicants require Environmental Authorisation (EA) from the National Department of Environmental Affairs (DEA) in consultation with the Northern Cape Department of Environment and Nature Conservation (DENC) for the development of the proposed projects. In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended), the Government Notice (R114) and Listing Notices (GNR 327, GNR 325, and GNR 324), the three applications for EA are subject to the completion of Basic Assessment (BA) processes (Geelstert 1 and Geelstert 2 are located within the Springbok REDZ). Each application is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014 (as amended).

A BA 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 BA 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 BA process required to identify and assess potential environmental impacts associated with the projects, as well as propose appropriate mitigation and management measures to be contained within the Environmental Management Programmes (EMPrs). Generic EMPrs in accordance with GNR435 will be compiled for the grid connection solution.

## WHAT ARE THE POTENTIAL ENVIRONMENTAL IMPACTS ASSOCIATED WITH THE PROPOSED PROJECTS?

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

- » Biodiversity - includes ecology, freshwater features, fauna and flora and assess the potential impact and the associated disturbance of vegetation on the biodiversity (including critical biodiversity areas and broad-scale processes).
- » Avifauna - includes an assessment of impacts on avifaunal habitats and sensitive features.
- » Soils, Land Use, and Agricultural Potential - includes land types and assesses the significance of loss of agricultural land and soil degradation and/or erosion.
- » Heritage (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 - 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.





- » Social - which assesses the positive and negative social impacts.

Specialist studies will be informed by existing information, previous experience in the area, field observations and input from the public participation process. As an I&AP, your input is considered as an important part of the process, and we urge you to become involved.

### 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 BA processes. Comments and inputs from I&APs are encouraged in order to ensure that potential impacts are considered throughout the BA 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 BA 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 BA 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 EIA project team.
- » Placing site notices at the affected property/ies.
- » Placing an advertisement in a local newspaper.
- » Notifying I&APs of the release of the BA Reports for a 30-day review and comment period.

### 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:

- » In order to participate in the BA processes, you must register yourself on the I&AP database.
- » You must ensure that any comments regarding the proposed projects are submitted within the stipulated timeframes.
- » 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.

### HOW TO BECOME INVOLVED

1. By responding by phone, fax, or e-mail, to the invitation for your involvement.
2. By returning the reply form to the relevant contact person.
3. By engaging with the project team on the online stakeholder engagement platform during the BA processes.
4. By contacting the environmental consultant with queries or comments.
5. By reviewing and commenting on the BA Reports within the stipulated 30-day review and comment periods. Registered I&APs will automatically be notified of the release of the BA Reports for comment, and the closing dates by which comments must be received.

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 BA 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.

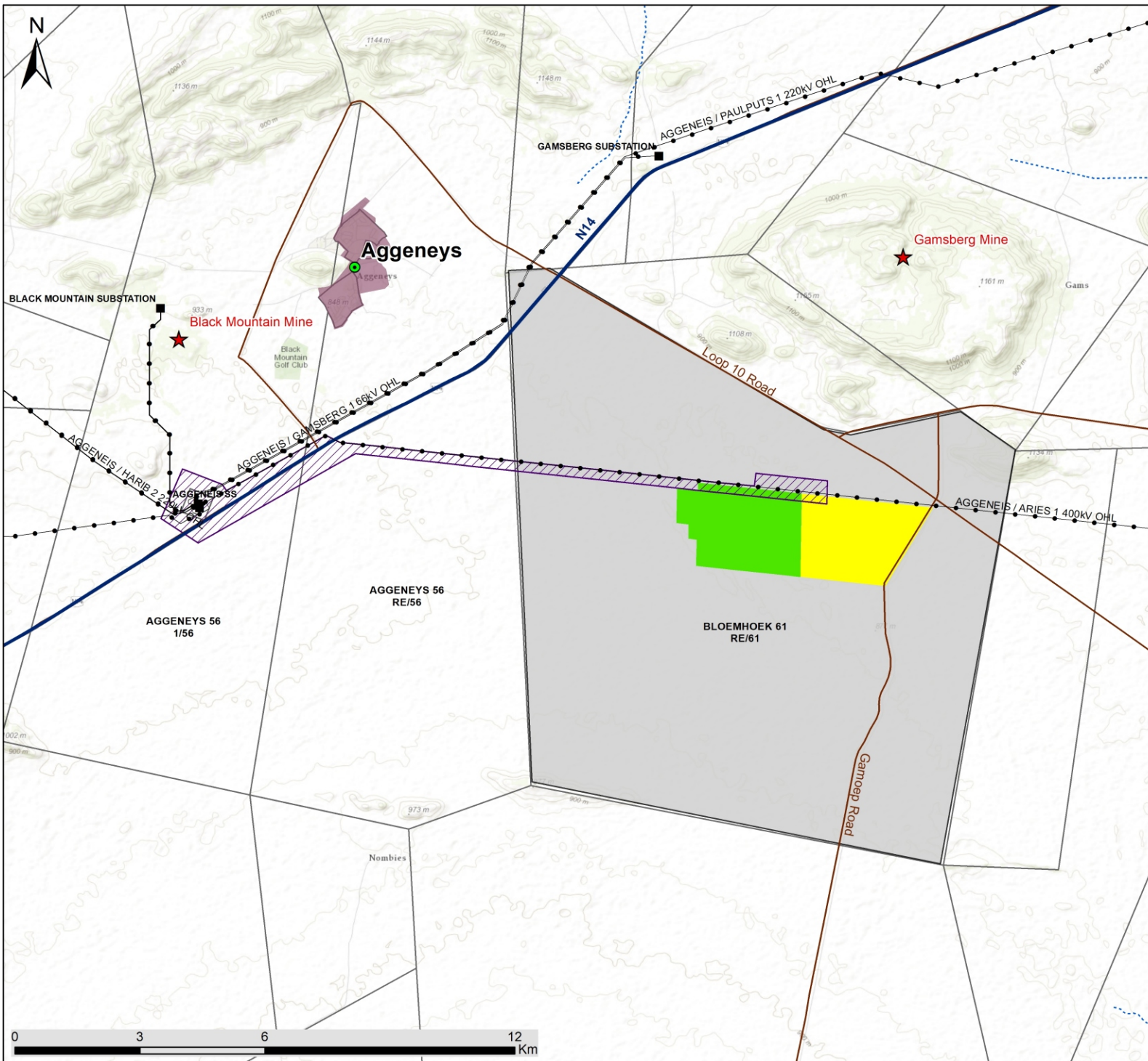
### COMMENTS AND QUERIES

**Direct all comments, queries, or responses to:**

**Ronald Baloyi**  
**Savannah Environmental (Pty) Ltd**  
 PO Box 148, Sunninghill, Johannesburg, 2157  
 Tel: 011 656 3237  
 Fax: 086 684 0547  
 E-mail: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**To visit the online stakeholder engagement platform and view project documentation, visit**

[www.savannahSA.com](http://www.savannahSA.com)



# Geelstert 1 and 2 Solar PV Facilities and Geelstert Grid Connection, Northern Cape

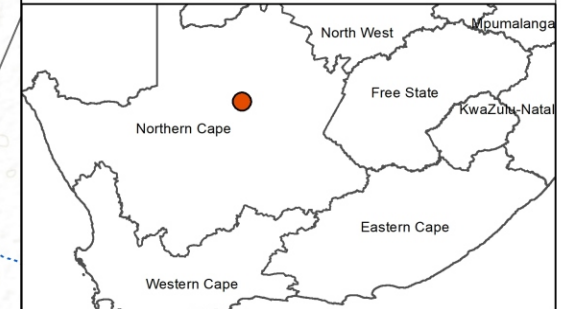
## Locality Map

### Legend

- Town
- ★ Mining Operations
- Eskom Substation
- Existing Power Line
- National Route
- Main Road
- - - Non-perennial River
- Residential Area
- Farm Portion
- Study Area
- Geelstert 1 (Development Area)
- Geelstert 2 (Development Area)
- Geelstert Grid Connection (Power Line Corridor)

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Scale: 1:90 218  
Projection: L019  
Map Ref: Geelstert 1&2 PV - Locality Map - 13.05.2020



**BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS**

**GEELSTERK 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION, NEAR UPINGTON, AGGENEYS CAPE PROVINCE**

**Registration & Comment Form**

July 2020

Return completed registration and comment form to: **Ronald Baloyi 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 as an interested and/or affected party will be applicable for this project 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 as an interested and affected party (I&AP) on the following project's database** (please tick the relevant box)

Geelstert 1 Solar PV	<input type="checkbox"/>	Geelstert 2 Soalr PV	<input type="checkbox"/>
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**In terms of EIA Regulations, 2014, as amended, Regulation 43(1), you are required to register as an I&AP to receive further correspondence regarding the BA process for the projects and to disclose any direct business, financial, personal or other interest which you may have in the approval or refusal of the application** (add additional pages if necessary):

**Please list your comments regarding your project selection above** (add additional pages if necessary):

**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:	

**SIEN KEERSY VIR AFRIKAANS**

JULIE 2020

BASIESE EVALUERING  
EN  
OPENBARE DEELNAMEPROSES

ONTWIKKELING VAN  
GEELSTERT 1 EN GEELSTERT 2  
FV-SONKRAGAAANLEGTE EN  
VERWANTE ROOSTERKONNEKSIE-OPLOSSING  
NABY AGGENEYS, NOORD-KAAP

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environmental

AGTERGRONDINLIGTINGSDOKUMENT



Die ontwikkeling van twee afsonderlike fotovoltaïese (FV) sonkragaanlegte van hoogstens 125MW en verwante infrastruktuur word beoog op 'n terrein sowat 11 km suidoos van die dorp Aggeneys in die Noord-Kaapprovinsie. Die twee FV-sonkragaanlegte sal Geelstert 1 en Geelstert 2 genoem word. Die roosterkonneksie-oplossing sal die Geelstert Roosterkonneksie genoem word. Die projekte is in die Khâi-Ma Plaaslike Munisipaliteit in die breër Namakwa Distriksmunisipaliteit en omstreke geleë.

Die twee FV-sonkragaanlegte is geleë op die Restant van die plaas Bloemhoek 61. Albei FV-sonkragaanlegte sal aan die hand van 'n enkele roosterkonneksie-oplossing, bestaande uit 'n kollektorsubstasie en 'n enkelkringkraglyn van hoogstens 220 kV, met die kragnet verbind word. Die kraglyn sal die aanlegte met die nasionale kragnet verbind aan die hand van die bestaande Aggeneis Hooftransmissiesubstasie (HTS) wat 14,5 km wes van die studiegebied geleë is. Die ontwikkeling van die roosterkonneksie-infrastruktuur sal as deel van 'n afsonderlike Basiese Evalueringsproses geëvalueer word. Die evaluering van die roosterkonneksie-infrastruktuur sal oorweging skenk aan 'n korridor met 'n breedte van hoogstens 1 km (wat uitkring tot 2 km by die Aggeneis HTS) en 'n lengte van hoogstens 17,5 km. Die volgende ses eiendomme kan deur die ontwikkeling van die Geelstert Roosterkonneksie-oplossing geraak word:

Restant van die plaas Bloemhoek 61	Restant van die plaas Aggeneys 56
Gedeelte 1 van die plaas Aggeneys 56	Gedeelte 2 van die plaas Aggeneys 56
Gedeelte 12 van die plaas Aggeneys 56	Gedeelte 13 van die plaas Aggeneys 56

Die studiegebied is geleë in Sone 8 van die Hernubare Kragontwikkelingsones (REDZ) (ook bekend as die Springbok REDZ) en is in die Noordelike Transmissiekorridor. Aangesien Geelstert 1 en Geelstert 2 in een van die agt REDZ-gebiede geleë is, is die projekte onderhewig aan 'n Basiese Evalueringsproses (BE), asook 'n verkorte tydsraamwerk van 57 dae vir die verwerking van 'n Aansoek om Omgewingsmagtiging. Die roosterkonneksie-oplossing sal ook onderhewig wees aan 'n BE-proses en sal in lyn wees met die tydsraamwerke ingevolge die OIE-regulasies, 2014 (soos gewysig).

Die aard en omvang van die drie (3) projekte word van naderby in hierdie dokument ondersoek. Die openbare deelnameprosesse vir die projekte sal gelyklopend onderneem word, wat aan die publiek 'n geleentheid sal bied om elk van die projekte te verstaan en daarop kommentaar te lewer. Elke FV-sonkragaanleg en die roosterkonneksie-oplossing sal as afsonderlike, losstaande projekte met 'n afsonderlike projek-ontwikkelingsmaatskappy, of Spesiedoelmedium (SDM) as die applikant vir elk van die projekte, opgerig word:

Projeknaam:	Applikant:	Vermoë:
Geelstert 1 (FV-sonkragaanleg)	Geelstert Solar Facility 1 (Edms.) Bpk.	Hoogstens 125MW (gekontraakteerde vermoë)
Geelstert 2 (FV-sonkragaanleg)	Geelstert Solar Facility 2 (Edms.) Bpk.	Hoogstens 125MW (gekontraakteerde vermoë)
Geelstert Roosterkonneksie	ABO Wind Renewable Energies (Edms.) Bpk.	Hoogstens 220 kV

Die ontwikkelaar is van voorneme om elke FV-sonkragaanleg aan te bied ingevolge die Departement van Minerale Hulpbronne en Energie (DMHE) se Verkrygingsprogram vir Onafhanklike Hernubare Kragproducente (REIPPP). Daar word beoog dat die krag wat by elke FV-sonkragaanleg opgewek sal word, aan Eskom verkoop en by die nasionale kragnet ingevoer sal word. Die ontwikkeling van die aanlegte en roosterkonneksie-infrastruktuur sal ook bydra om die kragmengsel, soos uiteengesit in die Geïntegreerde Hulpbronneplan (IRP), te verwesenlik.

### DOEL VAN HIERDIE AGTERGRONDINLICHTINGS-DOKUMENT

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

- » 'n oorsig van die beoogde FV-sonkragaanlegte, roosterkonneksie-oplossing en verwante infrastruktuur;
- » 'n oorsig van die Basiese Evalueringsprosesse (BE) en spesialisstudies wat onderneem word om die projekte te evalueer;
- » besonderhede van hoe u by die 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 DIE PROJEKTE

In antwoord op die groeiende vraag na elektrisiteit in Suid-Afrika, die behoefte om hernubare krag en volhoubaarheid in die Noord-Kaapprovinsie te bevorder, asook die land se teikens vir hernubare krag, word die ontwikkeling van twee FV-sonkragaanlegte van hoogstens 125MW in die Springbok REDZ-gebied beoog. Die ontwikkeling van die aanlegte sal nuwe vermoë en transmissie-infrastruktuur by die nasionale kragnetwerk voeg. Die ontwikkelingsgebied vir elke FV-sonkragaanleg sal ~550 ha in omvang wees. Die aanleg se ontwikkelingsvoetspoor sal in die ontwikkelingsgebied geleë wees en sal ontwerp wees om sensitiewe omgewingsgebiede en landmerke te vermy.

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

- » FV-sonkragpanele;
- » gesentraliseerde wisselrigterstasies of wisselrigterstringe;
- » monteerstrukture om die FV-panele te dra;
- » kables tussen die projekkomponente, wat ondergronds gelê sal word waar prakties moontlik;
- » interne wisselrigters om die krag van 'n gelykstroom (GS) om te sit is 'n wisselstroom (WS);
- » 'n interne aanlegsubstasie om die konneksie tussen die FV-sonkragaanleg en Eskom se kragnet te bewerkstellig;
- » terreinkantore en instandhoudingsgeboue, wat werkswinkelgebiede vir instandhouding en berging insluit;
- » tydelike opslagwerwe; en
- » interne toegangspaaie en 'n heining om die ontwikkelingsgebied.

Die roosterkonneksie sal 'n kollektorsubstasie en 'n oorhoofse kraglyn met 'n vermoë van hoogstens 220 kV insluit wat die aanlegte met die Aggeneis Hooftransmissiesubstasie (HTS) sal verbind.



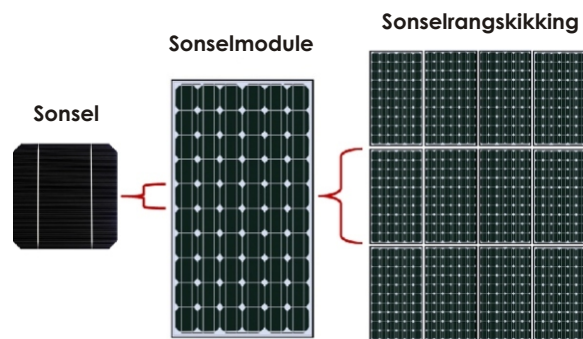
Studies eie aan die terrein en evaluerings sal deur die BE-prosesse onderneem word ten einde potensieel sensitiewe gebiede in die omliggende gebiede, die geïdentifiseerde studiegebied en roosterkonneksiekorridor af te baken. Sodra beperkende faktore bepaal is, kan die uitleg van die FV-sonkragaanlegte en die roosterkonneksie-oplossing beplan word om maatskaplike en omgewingsimpakte tot die minimum te beperk.

## MEER OOR FV-SONKRAGTEGNOLOGIE

Sonkragaanlegte (soos dié wat FV-tegnologie gebruik), wend die son se energie aan om elektrisiteit op te wek deur 'n proses wat as die Fotovoltaïese Effek bekend staan. 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 sonselvelde van Geelstert 1 en Geelstert 2 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/reekse 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 gelaaï, met elektriese geleiers wat aan beide kante aangebring is om 'n stroombaan te vorm. Hierdie stroombaan vang die vrygestelde elektrone vas in die vorm van 'n elektriese stroom (d.i. gelykstrom (GS)).



**Figuur 1:** 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-panele sal op steunstrukture aangebring word en hetsy vaste/stilstaande steunstrukture sal gebruik word, of andersins kan hulle enkel- of dubbelas naspoordersteunstrukture gebruik.

### Wisselrigters:

Wisselrigters word gebruik om elektrisiteit wat deur die FV-selle opgewek word van gelykstrom (GS) na wisselstrom (WS) om te sit sodat die aanleg met die nasionale kragnet

verbind kan word. Verskeie wisselrigters sal in verskeie reekse gerangskik word om krag wat deur die aanlegte opgewek word, te versamel en om te sit.

FV-panele is ontwerp om vir meer as 20 jaar ononderbroke, meestal onbeman en met min instandhouding 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 applikante Omgewingsmagtiging (OM) van die Nasionale Departement van Omgewingsake (DO), in oorleg met die Noord-Kaapse Departement van Omgewingsake en Natuurbewaring (DENC), vir die ontwikkeling van die beoogde projekte. Ingevolge Artikel 24(5) van NEMA, die OIE-regulasies 2014 (soos gewysig), Staatskennisgewing R114 en Lyskennisgewings (Staatkennisgewing R327, R325 en R324), is die drie aansoeke om OM onderhewig aan die voltooiing van Basiese Evalueringsprosesse (BE's) (Geelstert 1 en Geelstert 2 is geleë in die Springbok REDZ). Elke aansoek moet gerugsteun word deur omvattende, onafhanklike omgewingstudies wat ingevolge die OIE-regulasies, 2014 (soos gewysig) onderneem word.

'n BE is 'n doeltreffende beplannings- en besluitnemingswerktuig. Dit bring mee dat potensieële omgewingsverwante gevolge wat voortspruit 'n beoogde aktiwiteit, geïdentifiseer en na behore tydens die oprigtings-, bedryfs- en uitbedryfstellingsfase van ontwikkeling bestuur word. Dit bied ook 'n geleentheid vir die projekapplikant om vooraf gewaarsku te wees van potensieële omgewingskwessies en maak voorsiening vir die oplossing van kwessies wat geïdentifiseer en as deel van die BE-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 onafhanklike omgewingskonsultant wat verantwoordelik is vir die bestuur van die aparte aansoeke om OM en om die stawende BE-proses te onderneem wat vereis word om alle potensieële omgewingsimpakte wat verband hou met die projekte 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. Generiese OBPr'e ooreenkomstig Staatskennisgewing R435 sal vir die roosterkonneksie-oplossing opgestel word.

## WAT IS DIE POTENSIEËLE OMGEWINGSIMPAKTE WAT VERBAND HOU MET DIE BEOOGDE PROJEKTE?

Die studiegebied en die roosterkonneksiekorridor sal deur onafhanklike omgewingspesialiste geëvalueer word om die potensiaal vir omgewingsimpakte te identifiseer. Spesialisstudies wat as deel van die BE-prosesse beoog word, sluit die volgende in:

- » Biodiversiteit - wat ekologie, varswaterkenmerke, fauna en flora insluit en die potensieële impak en verwante versteuring van plantegroei op die biodiversiteit (insluitende kritiese biodiversiteitsgebiede en breëskaalprosesse) evalueer.
- » Avifauna - sluit 'n evaluering van impakte op avifaunahabitats en sensitiewe kenmerke in.
- » Grond, grondgebruik en landboupotensiaal – sluit grondsoorte in en evalueer die

wesenlikheid van verlies aan landbougrond en gronddegradasie en/of erosie.

- » Erfenis (argeologie en paleontologie) - wat argeologie en paleontologie insluit en die potensiele versteuring of vernietiging van erfenisterreine en fossiele tydens die konstruksiefase weens opgrawingsbedrywighede evalueer.
- » Visueel - wat die visuele gehalte van die gebied insluit en die impak van FV-sonkragaanlegte en die roosterkonneksie-oplossing op die estetika in die gebied evalueer.
- » Maatskaplik - wat die positiewe en negatiewe sosiale impakte evalueer.

Spesialisstudies sal toegelig word deur bestaande inligting, vorige ervaring in die gebied, veldwaarnemings en insette wat uit die openbare deelnameproses voortspruit. As 'n B&GP word u insette as 'n belangrike deel van die proses geag, en ons moedig u aan om betrokke te raak.

### OPENBARE DEELNAMEPROSES

Die deel van inligting vorm die grondslag van die openbare deelnameproses en bied B&GP's die geleentheid om aktief by die BE-prosesse betrokke te raak. Kommentaar en insette van B&GP's word aangemoedig ten einde te verseker dat oorweging aan potensiele impakte regdeur die BE-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 te lewer oor die beoogde projekte; en
- » voldoende insaetydperke aan B&GP's gebied word om kommentaar te lewer oor die bevindinge van die BE-verslae.

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

- » die identifisering van B&GP's, insluitend geaffekteerde en naburige grondeienaars en -bewoners en tersaaklike staatsinstansies en die aantekening van besonderhede in 'n databasis;
- » die verwittiging van geregistreerde B&GP's van die aanvang van die BE-prosesse en die verspreiding van die Agtergrondinligtingsdokument (AID);
- » voorsiening van toegang aan geregistreerde partye tot 'n aanlyn skakelingsplatform vir belanghebbers, wat projekinligting en insette van belanghebbers in 'n enkele digitale platform sentraliseer;
- » om B&GP's 'n geleentheid te bied om met die OIE-projekspan te skakel;
- » die plasing van terreinkennisgewings by die geaffekteerde eiendom(me);
- » die plasing van 'n advertensie in 'n plaaslike koerant;
- » die verwittiging van B&GP's van die vrystelling van die BE-verslae vir 'n 30-dae openbare insae- en kommentaartydperk;

### 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:

- » Ten einde aan die BE-prosesse deel te neem, moet u uself op die B&GP-databasis registreer.
- » U moet toesien dat enige kommentaar met betrekking tot die beoogde projekte binne die gestipuleerde tydsraamwerke ingedien word.
- » U moet enige regstreekse sake-, finansiële-, persoonlike- of ander belang wat u dalk in die goedkeuring of weiering van die aansoeke kan hê, bekend maak.

### HOE OM BETROKKE TE RAAK

1. Deur telefonies, per faks of per e-pos te reageer op die uitnodiging vir u betrokkenheid.
2. Deur die antwoordvorm aan die tersaaklike kontakpersoon terug te besorg.
3. Deur skakeling met die projekspan op die aanlyn skakelingsplatform vir belanghebbers tydens die BE-prosesse.
4. Deur die omgewingskonsultant met navrae of kommentaar te kontak.
5. Deur oorsig oor en kommentaar op die BE-verslae te bied, en wel binne die gestipuleerde 30 dae insae- en kommentaartydperke. Geregistreerde B&GP's sal outomaties in kennis gestel word van die vrystelling van die BE-verslae vir kommentaar, asook van die sluitingsdatums waarteen kommentaar ontvang moet word.

As u uself as 'n B&GP vir die beoogde projekte ag, moedig ons u aan om gebruik te maak van die geleenthede 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 BE-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.

### KOMMENTAAR EN NAVRAE

**Rig alle kommentaar, navrae of antwoorde aan:**

**Ronald Baloyi**

**Savannah Environmental (Edms) Bpk**

Posbus 148, Sunninghill, Johannesburg, 2157

Tel: 011 656 3237

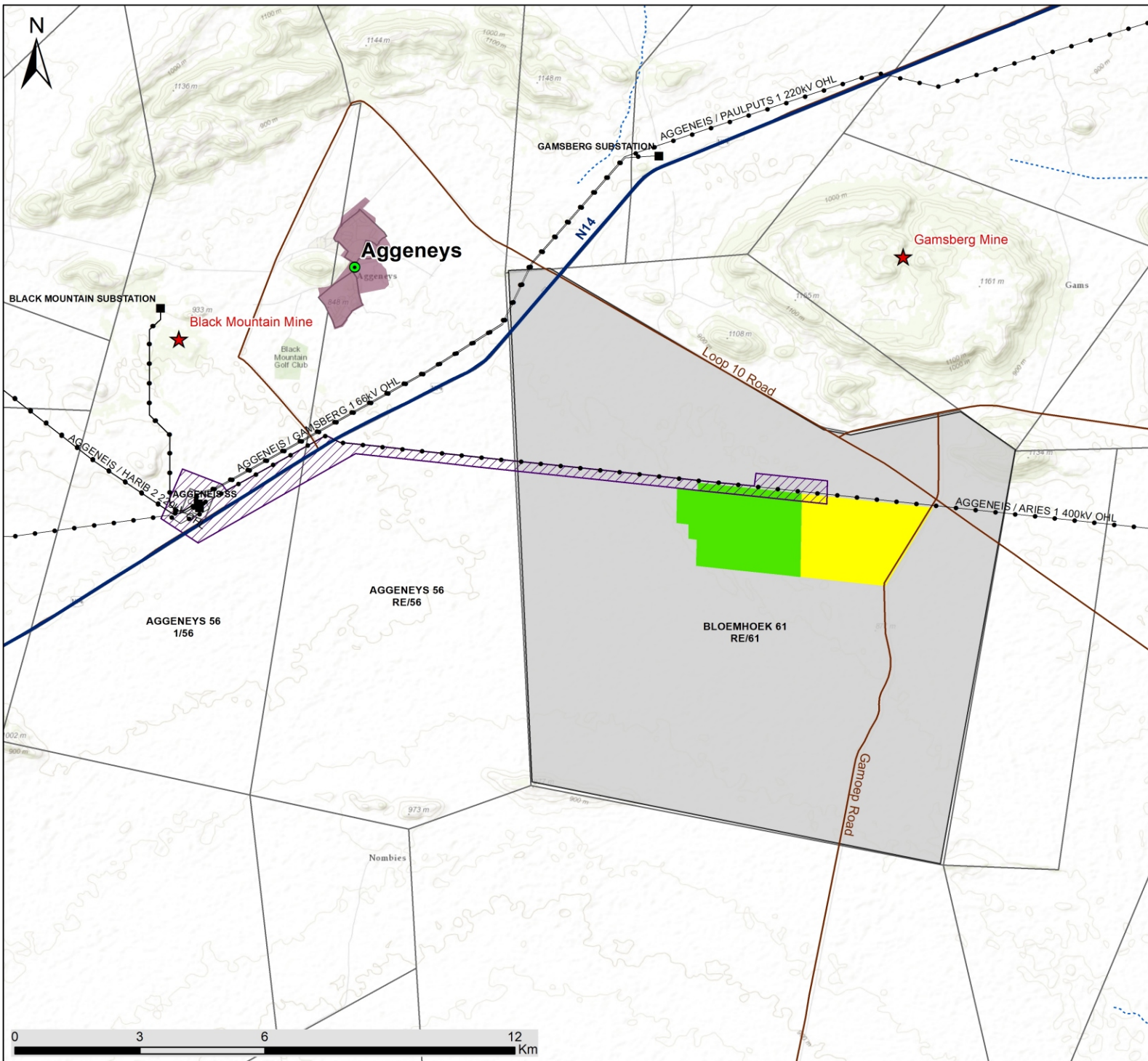
Faks: 086 684 0547

E-pos: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Om die aanlynplatform as belanghebbende te besoek  
en projekdokumentasie te besigtig, besoek**

[www.savannahSA.com](http://www.savannahSA.com)

Kopiereg: Savannah Environmental



# Geelstert 1 and 2 Solar PV Facilities and Geelstert Grid Connection, Northern Cape

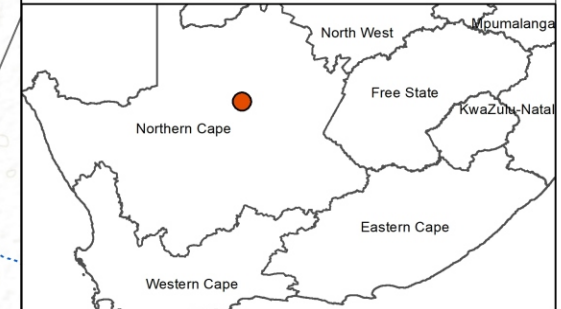
## Locality Map

### Legend

- Town
- ★ Mining Operations
- Eskom Substation
- Existing Power Line
- National Route
- Main Road
- - - Non-perennial River
- Residential Area
- Farm Portion
- Study Area
- Geelstert 1 (Development Area)
- Geelstert 2 (Development Area)
- Geelstert Grid Connection (Power Line Corridor)



Scale: 1:90 218  
 Projection: L019  
 Map Ref: Geelstert 1&2 PV - Locality Map - 13.05.2020





**BASIESE EVALUERING EN OPENBARE DEELNAMEPROSES**

**GEELSTERT 1 EN GEELSTERT 2 FV-SONKRAGAAANLEGTE EN  
VERWANTE ROOSTERKONNEKSIE-OPLOSSING NABY AGGENEYS, NOORD-KAAP PROVINSIE**

**Registrasie- en Kommentaarvorm**

Julie 2020

Stuur voltooide registrasie- en kommentaarvorm aan: **Ronald Baloyi** van **Savannah Environmental**

Foon: 011 656 3237 / Selfoon (ook 'please call me'): 060 978 8396 / Faks: 086 684 0547

E-pos: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

Posadres: **Posbus 148, Sunninghill, 2157**

**U registrasie as 'n belanghebbende en/of geaffekteerde party is slegs van toepassing tot hierdie projekte en die voorsiening van u kontakinligting is beskerm deur die Beskerming van Persoonlike Inligting Wet van 2013 (PoPI Act, 2013)**

**Verskaf asseblief u persoonlike kontak besonderhede:**

Naam & Van:		
Organisasie		
Amp- of Postitel		
Posadres:		
Telefoon:		Faks
Selfoon		
E-pos:		

**Stel u belang om te registreer as 'n belangstellende en/of geaffekteerde party (B&GP) op die volgende projekte se databases**

(merk asseblief toepaslike boks met 'n X)

Geestert 1 FV Sonkragaanleg		Geestert 2 FV Sonkragaanleg	
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**In terme van die OIE Regulasies, 2014, soos gewysig, Regulasie 43(1), moet u as 'n B&BP registreer om verdere inligting rakende hierdie twee Basiese Evalueringsprojekte te ontvang en u moet ook u direkte besigheid, finansiële, persoonlike of ander belang wat u mag hê rakende in die goedkeuring of afkeuring van die aansoek, vermeld (gebruik addisionele bladsye indien nodig):**

--

**Lys u kommentaar rakende die projek per u keuse bo (gebruik addisionele bladsye indien nodig):**

--

**Verskaf bykomende kontak besonderhede van addisionele persoon/e wie u beskou as potensiële belangstellende en/of geaffekteerde partye**

Naam & Van:	
Posadres:	
Telefoon:	
Selfoon:	
E-pos:	

**SEE REVERSE SIDE FOR ENGLISH**

**BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS NOTIFICATION**  
**Distribution of BID and Registration & Comment Form to I&APs on database**  
**(Appendix C2)**

**Nicolene Venter**

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**From:** Ronald Baloyi <ronald@savannahsa.com>  
**Sent:** Monday, July 13, 2020 5:19 PM  
**To:** Steven Shibambu  
**Cc:** Nicolene Venter  
**Subject:** Geelstert PV1 & PV2: Notification of Basic Assessment Process  
**Attachments:** SE2738-Geelstert\_IAPNotification\_-\_FINAL\_.pdf; Geelstert\_English\_BID.pdf; Geelstert\_Afrikaans\_BID.pdf; SE2738-Geelstert\_PV1&PV2-RegForm\_FINAL.pdf

**GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS,  
NORTHERN CAPE PROVINCE**

Dear Interested and Affected Parties,

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

Please find attached the following documents which will provide you with additional information regarding these projects:

- Basic Assessment and Public Participation Process notification letter;
- Background Information Document; and
- Registration and Comment Form.

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

Kind regards,

LANDOWNERS

06 August 2020

Mr Albertus Roux  
Landowner  
Farm: Bloemhoek 61, Remainder Extent

Per e-mail: [rouxami@gmail.com](mailto:rouxami@gmail.com)

Dear Mr Roux,

## DEVELOPMENT OF GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE

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### NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

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The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

The two solar PV facilities are located on the Remaining Extent of the Farm Bloemhoek 61 and will be connected to the Aggeneis Main Transmission Substation (MTS). The grid connection will include a collector substation and a double-circuit power line of up to 220kV. The grid connection will traverse six (6) properties which include:

Remaining Extent of the Farm Bloemhoek 61	Remaining Extent of the Farm Aggeneys 56
Portion 1 of the Farm Aggeneys 56	Portion 2 of the Farm Aggeneys 56
Portion 12 of the Farm Aggeneys 56	Portion 13 of the Farm Aggeneys 56

It is the Developer's intention to bid each solar PV facility under the Department of Mineral Resources and Energy's<sup>1</sup> Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar PV facility will be sold to Eskom and fed into the national electricity grid through the proposed grid connection. The development of the solar PV facilities and the grid connection will assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP), 2019.

<sup>1</sup> The Department of Mineral Resources and Energy is a merge between the Department of Mineral Resources (DMR) and the Department of Energy (DoE).

The study area is located within Zone 8 of the Renewable Energy Development Zones (REDZ) (also known as the Springbok REDZ).

The applicant for each of the solar PV facilities will be a separate Special Purpose Vehicles (SPV). The applicant for Geelstert 1 is Geelstert Solar Facility 1, and the applicant for Geelstert 2 is Geelstert Solar Facility 2 (Pty) Ltd. The applicant for the Geelstert Grid Connection is ABO Wind renewable energies (Pty) Ltd. Three (3) separate Applications for Environmental Authorisation will be submitted to the Department of Environmental Affairs (DEA).

Infrastructure associated with each solar PV facility will include:

- » Solar PV panels.
- » Centralised inverter stations or string inverters.
- » Cabling between the panels, to be laid underground where practical.
- » An on-site facility substation to facilitate the connection between the solar PV facility and the Eskom electricity grid.
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.
- » Temporary laydown areas.
- » Internal access roads and fencing around the development area.

The Geelstert Grid Connection will be assessed within a grid connection corridor within which grid connection infrastructure will be developed. The grid connection will include a collector substation and an overhead power line with a capacity of up to 220kV, connecting the facilities to the Aggeneis MTS.

Site-specific studies and assessments will be undertaken through the BA processes in order to delineate areas of potential sensitivity within the study area. Once constraining factors have been determined, the layout of each solar PV facility and the grid connection can be planned to minimise social and environmental impacts through appropriate avoidance.

## **BASIC ASSESSMENT PROCESS**

As per the Environmental Impact Assessment Regulations, 2014, as amended, published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the proponents will require authorisation from the DEA (in consultation with Northern Cape Department of Environment and Nature Conservation (DENC)) for the development of the projects. In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended), the Government Notice (R114) and Listing Notices (GNR 327, GNR 325, and GNR 324), the three applications for EA are subject to the completion of Basic Assessment (BA) processes (Geelstert 1 and Geelstert 2 are located within the Springbok REDZ). 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 BAs for the projects to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programme (EMPr) for each report. A combined BA and Public Participation Process will be conducted for the three (3) applications. 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, as a Landowner have been identified as a directly affected or adjacent property owner that could be impacted by the proposed solar energy facilities and grid connections. The EIA Regulations require that the owner or person in control of the land as well as occupiers of the affected and adjacent properties, which could be impacted by the project, are informed of the environmental assessment process in writing. In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of this Basic Assessment processes. Should you or any other occupier of your property have an interest in this project, please register yourselves as Interested and Affected Parties (I&APs) by completing and returning the attached stakeholder registration/comment form. By registering on the project database, your Company will receive all information relating to the projects and will be provided with an opportunity to provide comment and input into the BA process.

You are encouraged to participate in the public involvement process conducted as part of the BA process. A background information document, which provides further information on the BA process as well as the nature and extent of the proposed PV facilities and the grid connection, is attached to this letter and is also available for download from the Savannah Environmental Website: <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>.

### **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 a BA process. The consultation process for these projects has been designed considering these limitations, and the implementation is in line with our public participation plan (PP Plan), as approved by the DEA. Our PP Plan is in compliance with the Department of Environment, Forestry and Fisheries (DEFF) Directions issued on the 5<sup>th</sup> of June 2020. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation: visit <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>.

Alternative means of undertaking consultation have been designed to ensure that I&APs are afforded sufficient opportunity to raise comments on the project, predominately through an interactive web-based platform readily available and accessible to any person with interest in the project, enabling the public participation process to be undertaken in line with Regulations 41 to 44 of the EIA Regulations, 2014, as amended. This online stakeholder engagement platform allows the 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. The use of online tools

enables stakeholders and I&APs to explore the project-specific content in their own time, and allows participation in the consultation process in a meaningful way. The online platform allows for instant feedback and comments to be submitted, in so doing saving time for the stakeholder and also giving the assurance that their comments have been submitted for inclusion in the project reporting.

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Kind regards



**Nicolene Venter**

Public Participation and Social Consultant

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

**Roux, Albertus - Blomhoek Plase (Pty) Ltd**

Main: 0277121678  
Cell: 073 460 9573  
Email: rouxamj@gmail.com

Date: 8/6/2020  
Time: 8:47 PM  
Creator: Ronald Baloyi Baloyi

Note

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Subject: GEELSTERT PV1 & PV2: Notification of Basic Assessment Process

Body:

**GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITES AND GEELSTERT GRID CONNECTION,  
NEAR AGGENEYS, NORTHERN CAPE PROVINCE**

Dear Mr Roux,

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

Please find attached the following documents which will provide you with additional information regarding these projects:

Basic Assessment and Public Participation Process notification letter;

Background Information Document; and

Registration and Comment Form.

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Kind regards,

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An email has been sent to "Albertus Roux" <rouxamj@gmail.com>;  
nicolene@savannahsa.com;ronald@savannahsa.com;"Ronald Baloyi Baloyi" <publicprocess@savannahsa.com>

Please refer to the email saved in the Documents window.



06 August 2020

Mr Abrie van Niekerk  
Landowner  
Farm: Aroams 57, Ptn 1

Per e-mail: [minnet@vodamail.co.za](mailto:minnet@vodamail.co.za) / [0823144294@vodamail.com](mailto:0823144294@vodamail.com)

Dear Mr Van Niekerk,

## DEVELOPMENT OF GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE

---

### NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

---

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

The two solar PV facilities are located on the Remaining Extent of the Farm Bloemhoek 61 and will be connected to the Aggeneys Main Transmission Substation (MTS). The grid connection will include a collector substation and a double-circuit power line of up to 220kV. The grid connection will traverse six (6) properties which include:

Remaining Extent of the Farm Bloemhoek 61	Remaining Extent of the Farm Aggeneys 56
Portion 1 of the Farm Aggeneys 56	Portion 2 of the Farm Aggeneys 56
Portion 12 of the Farm Aggeneys 56	Portion 13 of the Farm Aggeneys 56

It is the Developer's intention to bid each solar PV facility under the Department of Mineral Resources and Energy's<sup>1</sup> Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar PV facility will be sold to Eskom and fed into the national electricity grid through the proposed grid connection. The development of the solar PV facilities and the grid connection will assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP), 2019.

<sup>1</sup> The Department of Mineral Resources and Energy is a merge between the Department of Mineral Resources (DMR) and the Department of Energy (DoE).

The study area is located within Zone 8 of the Renewable Energy Development Zones (REDZ) (also known as the Springbok REDZ).

The applicant for each of the solar PV facilities will be a separate Special Purpose Vehicles (SPV). The applicant for Geelstert 1 is Geelstert Solar Facility 1, and the applicant for Geelstert 2 is Geelstert Solar Facility 2 (Pty) Ltd. The applicant for the Geelstert Grid Connection is ABO Wind renewable energies (Pty) Ltd. Three (3) separate Applications for Environmental Authorisation will be submitted to the Department of Environmental Affairs (DEA).

Infrastructure associated with each solar PV facility will include:

- » Solar PV panels.
- » Centralised inverter stations or string inverters.
- » Cabling between the panels, to be laid underground where practical.
- » An on-site facility substation to facilitate the connection between the solar PV facility and the Eskom electricity grid.
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.
- » Temporary laydown areas.
- » Internal access roads and fencing around the development area.

The Geelstert Grid Connection will be assessed within a grid connection corridor within which grid connection infrastructure will be developed. The grid connection will include a collector substation and an overhead power line with a capacity of up to 220kV, connecting the facilities to the Aggeneis MTS.

Site-specific studies and assessments will be undertaken through the BA processes in order to delineate areas of potential sensitivity within the study area. Once constraining factors have been determined, the layout of each solar PV facility and the grid connection can be planned to minimise social and environmental impacts through appropriate avoidance.

## **BASIC ASSESSMENT PROCESS**

As per the Environmental Impact Assessment Regulations, 2014, as amended, published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the proponents will require authorisation from the DEA (in consultation with Northern Cape Department of Environment and Nature Conservation (DENC)) for the development of the projects. In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended), the Government Notice (R114) and Listing Notices (GNR 327, GNR 325, and GNR 324), the three applications for EA are subject to the completion of Basic Assessment (BA) processes (Geelstert 1 and Geelstert 2 are located within the Springbok REDZ). 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 BAs for the projects to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programme (EMPr) for each report. A combined BA and Public Participation Process will be conducted for the three (3) applications. 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, as a Landowner have been identified as a directly affected or adjacent property owner that could be impacted by the proposed solar energy facilities and grid connections. The EIA Regulations require that the owner or person in control of the land as well as occupiers of the affected and adjacent properties, which could be impacted by the project, are informed of the environmental assessment process in writing. In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of this Basic Assessment processes. Should you or any other occupier of your property have an interest in this project, please register yourselves as Interested and Affected Parties (I&APs) by completing and returning the attached stakeholder registration/comment form. By registering on the project database, your Company will receive all information relating to the projects and will be provided with an opportunity to provide comment and input into the BA process.

You are encouraged to participate in the public involvement process conducted as part of the BA process. A background information document, which provides further information on the BA process as well as the nature and extent of the proposed PV facilities and the grid connection, is attached to this letter and is also available for download from the Savannah Environmental Website: <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>.

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**Nicolene Venter**

Public Participation and Social Consultant

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

van Niekerk, Abrie - AJA Van Niekerk Familie Trust

Cell: 0828089132  
Email: poortjieboerdery@gmail.com

Date: 8/6/2020  
Time: 8:43 PM  
Creator: Ronald Baloyi Baloyi

Note

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Subject: GEELSTERT PV1 & PV2: Notification of Basic Assessment Process

Body:

GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION,  
NEAR AGGENEYS, NORTHERN CAPE PROVINCE

Dear Mr Van Niekerk,

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ronald@savannahsa.com;nicolene@savannahsa.com;"Ronald Baloyi Baloyi" <publicprocess@savannahsa.com>

Please refer to the email saved in the Documents window.

06 August 2020

Mr Pieter Venter  
Environmental Manager  
Vedanta Resources  
Farm: Aggeneys 56 ptn 1

By e-mail: [pventer@vedantaresources.co.za](mailto:pventer@vedantaresources.co.za)

Dear Mr Venter,

## DEVELOPMENT OF GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE

---

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Kind regards



**Nicolene Venter**

Public Participation and Social Consultant

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

**Venter, Pieter - Vedanta Resources**

Main: 0549839802  
Fax: 0549839353  
Cell: 0828513091  
Email: pventer@vedantaresources.co.za

Date: 8/6/2020  
Time: 8:37 PM  
Creator: Ronald Baloyi Baloyi

Note

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Subject: GEELSTERT PV1 & PV2: Notification of Basic Assessment Process

Body:

GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITES AND GEELSTERT GRID CONNECTION,  
NEAR AGGENEYS, NORTHERN CAPE PROVINCE

Dear Mr Venter,

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niclene@savannahsa.com;ronald@savannahsa.com;"Ronald Baloyi Baloyi" <publicprocess@savannahsa.com>

Please refer to the email saved in the Documents window.

06 August 2020

Mr Gerhard Visser  
Landowner  
Farm: Namies North 146, Ptn 1

Per e-mail: [tanvisser@telkomsa.net](mailto:tanvisser@telkomsa.net)

Dear Mr Visser,

## DEVELOPMENT OF GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE

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### NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

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The proponent has appointed Savannah Environmental, as the independent environmental consultant, to undertake the BAs for the projects to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programme (EMPr) for each report. A combined BA and Public Participation Process will be conducted for the three (3) applications. 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, as a Landowner have been identified as a directly affected or adjacent property owner that could be impacted by the proposed solar energy facilities and grid connections. The EIA Regulations require that the owner or person in control of the land as well as occupiers of the affected and adjacent properties, which could be impacted by the project, are informed of the environmental assessment process in writing. In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of this Basic Assessment processes. Should you or any other occupier of your property have an interest in this project, please register yourselves as Interested and Affected Parties (I&APs) by completing and returning the attached stakeholder registration/comment form. By registering on the project database, your Company will receive all information relating to the projects and will be provided with an opportunity to provide comment and input into the BA process.

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- » 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
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enables stakeholders and I&APs to explore the project-specific content in their own time, and allows participation in the consultation process in a meaningful way. The online platform allows for instant feedback and comments to be submitted, in so doing saving time for the stakeholder and also giving the assurance that their comments have been submitted for inclusion in the project reporting.

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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](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

**Visser, Gerhard**

Fax: (086) 274-480  
Cell: (084) 645-8971  
Email: tgnvisser@telkomsa.net

Date: 8/6/2020  
Time: 8:52 PM  
Creator: Ronald Baloyi Baloyi

Note

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**Subject: GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE PROVINCE** Dear Interested and Affected Parties,  
The development of two separate solar photovoltaic (PV) facilities, each with a contracted capaci

Body:

**GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE PROVINCE**

Dear Mr Visser,

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Background Information Document; and

Registration and Comment Form.

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

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--

An email has been sent to "Gerhard Visser" <tgnvisser@telkomsa.net>; ronald@savannahsa.com;nicolene@savannahsa.com;"Ronald Baloyi Baloyi" <publicprocess@savannahsa.com>

Please refer to the email saved in the Documents window.

**BASIESE EVALUERING EN OPENBARE DEELNAMEPROSES**

**GEELSTERT 1 EN GEELSTERT 2 FV-SONKRAGAAANLEGTE EN  
VERWANTE ROOSTERKONNEKSIE-OPLOSSING NABY AGGENEYS, NOORD-KAAP PROVINSIE**

**Registrasie- en Kommentaarvorm**

Julie 2020

Stuur voltooid registrasie- en kommentaarvorm aan: **Ronald Baloyi** van Savannah Environmental

Foon: 011 656 3237 / Selfoon (ook 'please call me'): 060 978 8396 / Faks: 086 684 0547

E-pos: publicprocess@savannahsa.com

Posadres: Posbus 148, Sunninghill, 2157

U registrasie as 'n belanghebbende en/of geaffekteerde party is slegs van toepassing tot hierdie projekte en die voorsiening van u kontakinligting is beskerm deur die Beskerming van Persoonlike Inligting Wet van 2013 (PoPI Act, 2013)

Verskaf asseblief u persoonlike kontak besonderhede:

Naam & Van:	GERHARD VISSER		
Organisasie	MUSIMON BOERBOER BK		
Amp- of Postitel	LID		
Posadres:	POSBUS 281		
	POFADOER 8890		
Telefoon:	084 645 8971	Faks	—
Selfoon	084 645 8971		
E-pos:	tgvissier@telkomsa.net		

Stel u belang om te registreer as 'n belangstellende en/of geaffekteerde party (B&GP) op die volgende projekte se databases (merk asseblief toepaslike boks met 'n X)

Geelstert 1 FV Sonkragaanleg	X	Geelstert 2 FV Sonkragaanleg	X
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In terme van die OIE Regulasies, 2014, soos gewysig, Regulasie 43(1), moet u as 'n B&GP registreer om verdere inligting rakende hierdie twee Basiese Evalueringsprojekte te ontvang en u moet ook u direkte besigheid, finansiële, persoonlike of ander belang wat u mag hê rakende in die goedkeuring of afkeuring van die aansoek, vermeld (gebruik addisionele bladsye indien nodig):

AKKOMMODASIE BESKIKBAAR. NABY GELEË PLAASDORP  
WAT OPGEWAP KAN WORD VIR MEER SENIOR PERSOON.  
OOK AKKOMMODASIE IN POFADOER BESKIKBAAR.

Lys u kommentaar rakende die projek per u keuse bo (gebruik addisionele bladsye indien nodig):

VERHOOGDE KRIMINALITEIT IN OMGEWING AGV TOESTROMING  
VAN WATSE IS IN AERTINANTE BEKIMMEREND. SEKURITEIT  
OP HOOF FRONTE 24/7 IS 'N VEREISTE.

Verskaf bykomende kontak besonderhede van addisionele persoon/e wie u beskou as potensiele belangstellende en/of geaffekteerde partye

Naam & Van:	
Posadres:	
Telefoon:	
Selfoon:	
E-pos:	

SEE REVERSE SIDE FOR ENGLISH



06 August 2020

Mr Tertius Visser  
Landowner  
Farm: Kykgat 87, Ptn 2

Per e-mail: [kykgate@gmail.com](mailto:kykgate@gmail.com)

Dear Mr Visser,

## DEVELOPMENT OF GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE

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### NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

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The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

The two solar PV facilities are located on the Remaining Extent of the Farm Bloemhoek 61 and will be connected to the Aggeneis Main Transmission Substation (MTS). The grid connection will include a collector substation and a double-circuit power line of up to 220kV. The grid connection will traverse six (6) properties which include:

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It is the Developer's intention to bid each solar PV facility under the Department of Mineral Resources and Energy's<sup>1</sup> Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar PV facility will be sold to Eskom and fed into the national electricity grid through the proposed grid connection. The development of the solar PV facilities and the grid connection will assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP), 2019.

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Public Participation and Social Consultant

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

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Registration and Comment Form

**Visser, Tertius**

Main: 0549330800  
Cell: 0829297661  
Email: kykgate@gmail.com

Date: 8/6/2020  
Time: 8:50 PM  
Creator: Ronald Baloyi Baloyi

Note

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Subject: GEELSTERT PV1 & PV2: Notification of Basic Assessment Process

Body:

GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITES AND GEELSTERT GRID CONNECTION,  
NEAR AGGENEYS, NORTHERN CAPE PROVINCE

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nicolene@savannahsa.com;ronald@savannahsa.com;"Ronald Baloyi Baloyi" <publicprocess@savannahsa.com>

Please refer to the email saved in the Documents window.

14 August 2020

Mr Scheepers Goosen  
Landowner  
Farm: Hunitees 84, Remainder Extent

Per e-mail: [scheepersgoosen@gmail.com](mailto:scheepersgoosen@gmail.com)

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- » 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 a BA process. The consultation process for these projects has been designed considering these limitations, and the implementation is in line with our public participation plan (PP Plan), as approved by the DEA. Our PP Plan is in compliance with the Department of Environment, Forestry and Fisheries (DEFF) Directions issued on the 5<sup>th</sup> of June 2020. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation: visit <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>.

Alternative means of undertaking consultation have been designed to ensure that I&APs are afforded sufficient opportunity to raise comments on the project, predominately through an interactive web-based platform readily available and accessible to any person with interest in the project, enabling the public participation process to be undertaken in line with Regulations 41 to 44 of the EIA Regulations, 2014, as amended. This online stakeholder engagement platform allows the 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. The use of online tools



enables stakeholders and I&APs to explore the project-specific content in their own time, and allows participation in the consultation process in a meaningful way. The online platform allows for instant feedback and comments to be submitted, in so doing saving time for the stakeholder and also giving the assurance that their comments have been submitted for inclusion in the project reporting.

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.
- » Provides a resilient solution to a public consultation process.

Should you have an interest in the project, please register yourself as an I&AP on our online stakeholder engagement platform (<https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>) or by completing and returning the attached stakeholder registration/comment form. By registering on the project database, you will be kept informed of the BA processes being undertaken for the projects and will be provided with an opportunity to provide comment and input.

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](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

**Goosen, Scheepers**

Main: (063) 984-0941  
Cell: (083) 630-6324  
Email: [scheepersgoosen@gmail.com](mailto:scheepersgoosen@gmail.com)

Date: 8/14/2020  
Time: 11:49 AM  
Creator: Ronald Baloyi Baloyi

Note

---

Subject: GEELSTERT PV1 & PV2: Notification of Basic Assessment Process

Body:

GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITES AND GEELSTERT GRID CONNECTION,  
NEAR AGGENEYS, NORTHERN CAPE PROVINCE

Dear Mr Scheepers,

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

Please find attached the following documents which will provide you with additional information regarding these projects:

Basic Assessment and Public Participation Process notification letter;

Background Information Document; and

Registration and Comment Form.

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

Kind regards,

--

An email has been sent to "Scheepers Goosen" <[scheepersgoosen@gmail.com](mailto:scheepersgoosen@gmail.com)>;  
[ronald@savannahsa.com](mailto:ronald@savannahsa.com); [nicolene@savannahsa.com](mailto:nicolene@savannahsa.com); "Ronald Baloyi Baloyi"  
<[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>

Please refer to the email saved in the Documents window.

14 August 2020

Mr Mostert Johannes Jasper  
Landowner  
Farm: Zuurwater 62, Ptn 3 and 8

Per e-mail: [blommelandboerdery@gmail.com](mailto:blommelandboerdery@gmail.com)

Dear Mr Mostert,

## DEVELOPMENT OF GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION, NEAR AGGENEYS, NORTHERN CAPE

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### NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

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The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

The two solar PV facilities are located on the Remaining Extent of the Farm Bloemhoek 61 and will be connected to the Aggeneis Main Transmission Substation (MTS). The grid connection will include a collector substation and a double-circuit power line of up to 220kV. The grid connection will traverse six (6) properties which include:

Remaining Extent of the Farm Bloemhoek 61	Remaining Extent of the Farm Aggeneys 56
Portion 1 of the Farm Aggeneys 56	Portion 2 of the Farm Aggeneys 56
Portion 12 of the Farm Aggeneys 56	Portion 13 of the Farm Aggeneys 56

It is the Developer's intention to bid each solar PV facility under the Department of Mineral Resources and Energy's<sup>1</sup> Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar PV facility will be sold to Eskom and fed into the national electricity grid through the proposed grid connection. The development of the solar PV facilities and the grid connection will assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP), 2019.

<sup>1</sup> The Department of Mineral Resources and Energy is a merge between the Department of Mineral Resources (DMR) and the Department of Energy (DoE).

The study area is located within Zone 8 of the Renewable Energy Development Zones (REDZ) (also known as the Springbok REDZ).

The applicant for each of the solar PV facilities will be a separate Special Purpose Vehicles (SPV). The applicant for Geelstert 1 is Geelstert Solar Facility 1, and the applicant for Geelstert 2 is Geelstert Solar Facility 2 (Pty) Ltd. The applicant for the Geelstert Grid Connection is ABO Wind renewable energies (Pty) Ltd. Three (3) separate Applications for Environmental Authorisation will be submitted to the Department of Environmental Affairs (DEA).

Infrastructure associated with each solar PV facility will include:

- » Solar PV panels.
- » Centralised inverter stations or string inverters.
- » Cabling between the panels, to be laid underground where practical.
- » An on-site facility substation to facilitate the connection between the solar PV facility and the Eskom electricity grid.
- » Site offices and maintenance buildings, including workshop areas for maintenance and storage.
- » Temporary laydown areas.
- » Internal access roads and fencing around the development area.

The Geelstert Grid Connection will be assessed within a grid connection corridor within which grid connection infrastructure will be developed. The grid connection will include a collector substation and an overhead power line with a capacity of up to 220kV, connecting the facilities to the Aggeneis MTS.

Site-specific studies and assessments will be undertaken through the BA processes in order to delineate areas of potential sensitivity within the study area. Once constraining factors have been determined, the layout of each solar PV facility and the grid connection can be planned to minimise social and environmental impacts through appropriate avoidance.

## **BASIC ASSESSMENT PROCESS**

As per the Environmental Impact Assessment Regulations, 2014, as amended, published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the proponents will require authorisation from the DEA (in consultation with Northern Cape Department of Environment and Nature Conservation (DENC)) for the development of the projects. In terms of Section 24(5) of NEMA, the EIA Regulations 2014 (as amended), the Government Notice (R114) and Listing Notices (GNR 327, GNR 325, and GNR 324), the three applications for EA are subject to the completion of Basic Assessment (BA) processes (Geelstert 1 and Geelstert 2 are located within the Springbok REDZ). 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 BAs for the projects to identify and assess all potential environmental impacts associated with the projects and recommend appropriate mitigation measures in the Environmental Management Programme (EMPr) for each report. A combined BA and Public Participation Process will be conducted for the three (3) applications. 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, as a Landowner have been identified as a directly affected or adjacent property owner that could be impacted by the proposed solar energy facilities and grid connections. The EIA Regulations require that the owner or person in control of the land as well as occupiers of the affected and adjacent properties, which could be impacted by the project, are informed of the environmental assessment process in writing. In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of this Basic Assessment processes. Should you or any other occupier of your property have an interest in this project, please register yourselves as Interested and Affected Parties (I&APs) by completing and returning the attached stakeholder registration/comment form. By registering on the project database, your Company will receive all information relating to the projects and will be provided with an opportunity to provide comment and input into the BA process.

You are encouraged to participate in the public involvement process conducted as part of the BA process. A background information document, which provides further information on the BA process as well as the nature and extent of the proposed PV facilities and the grid connection, is attached to this letter and is also available for download from the Savannah Environmental Website: <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>.

### **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 a BA process. The consultation process for these projects has been designed considering these limitations, and the implementation is in line with our public participation plan (PP Plan), as approved by the DEA. Our PP Plan is in compliance with the Department of Environment, Forestry and Fisheries (DEFF) Directions issued on the 5<sup>th</sup> of June 2020. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation: visit <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>.

Alternative means of undertaking consultation have been designed to ensure that I&APs are afforded sufficient opportunity to raise comments on the project, predominately through an interactive web-based platform readily available and accessible to any person with interest in the project, enabling the public participation process to be undertaken in line with Regulations 41 to 44 of the EIA Regulations, 2014, as amended. This online stakeholder engagement platform allows the 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. The use of online tools

enables stakeholders and I&APs to explore the project-specific content in their own time, and allows participation in the consultation process in a meaningful way. The online platform allows for instant feedback and comments to be submitted, in so doing saving time for the stakeholder and also giving the assurance that their comments have been submitted for inclusion in the project reporting.

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.
- » Provides a resilient solution to a public consultation process.

Should you have an interest in the project, please register yourself as an I&AP on our online stakeholder engagement platform (<https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>) or by completing and returning the attached stakeholder registration/comment form. By registering on the project database, you will be kept informed of the BA processes being undertaken for the projects and will be provided with an opportunity to provide comment and input.

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](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

**Mostert, Jasper - Blommeland Boerdery**

PO Box  
Garies  
Northern Cape 8220

Cell: (082) 880-2578  
Email: blommelandboerdery@gmail.com

Date: 8/14/2020  
Time: 11:41 AM  
Creator: Ronald Baloyi Baloyi

Note

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Subject: GEELSTERT PV1 & PV2: Notification of Basic Assessment Process

Body:

GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITES AND GEELSTERT GRID CONNECTION,  
NEAR AGGENEYS, NORTHERN CAPE PROVINCE

Dear Mr Mostert,

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

Please find attached the following documents which will provide you with additional information regarding these projects:

Basic Assessment and Public Participation Process notification letter;

Background Information Document; and

Registration and Comment Form.

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

Kind regards,

--

An email has been sent to "Jasper Mostert" <blommelandboerdery@gmail.com>; ronald@savannahsa.com;nicolene@savannahsa.com;"Ronald Baloyi Baloyi" <publicprocess@savannahsa.com>

Please refer to the email saved in the Documents window.

Savannah Environmental  
Website Uploads



## Geelstert 1 and Geelstert 2 Solar PV Facilities, and Geelstert Grid Connection

### Notice of Basic Assessment and Public Participation Process for the Geelstert 1 and Geelstert 2 Solar PV Facilities, and Geelstert Grid Connection near Aggeneys, Northern Cape Province

**Proposed Activity:** The development of two (2) separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW. The facilities will be connected to the Aggeneys MTS via a collector substation and an overhead power line with a capacity of up to 220kV.

**Location:** ~11km south-east of Aggeneys within the Khâi-Ma Local Municipality and the Namakwa District Municipality. The projects fall within the Springbok Renewable Energy Development Zone (or REDZ 8) as well as the Northern Strategic Transmission Corridor.

Applicant:	Project Name:	Affected Property/ies:
Geelstert Solar Facility 1 (Pty) Ltd	Geelstert 1 (solar PV facility)	Remaining Extent of the Farm Bloemhoek 61
Geelstert Solar Facility 2 (Pty) Ltd	Geelstert 2 (solar PV facility)	Remaining Extent of the Farm Bloemhoek 61
ABO Wind renewable energies (Pty) Ltd	Geelstert Grid Connection	Remaining Extent of the Farm Bloemhoek 61 Remaining Extent of the Farm Aggeneys 56  Portion 1 of the Farm Aggeneys 56  Portion 2 of the Farm Aggeneys 56  Portion 12 of the Farm Aggeneys 56  Portion 13 of the Farm Aggeneys 56

The following infrastructure will be developed for the PV facilities and grid connection:

- Solar PV Panels;
- Centralised inverter stations or string inverters;
- Cabling between the panels, to be laid underground where practical;
- Main access roads and internal access roads within the PV panel array areas;
- Temporary laydown areas;
- Operation and Maintenance buildings.
- On-site facility substation;
- A collector substation and an overhead power line to connect the facilities to the Aggeneys Main Transmission Substation (MTS).

**Basic Assessment Process:** 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, and GN R114 (February 2018), a Basic Assessment is required for each Solar PV Facility as well as the Grid Connection. Savannah Environmental is undertaking the required environmental assessment and public participation process for the projects. A separate application for each project has been lodged with the Department of Environmental Affairs (DEA) as the competent authority.

To obtain further information and register on the project database, please submit your name, contact information and interest in the project to:

**Nicolene Venter at Savannah Environmental**  
P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237

Fax: 086 684 0547

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

Website: [www.savannahsa.com](http://www.savannahsa.com)

June 2020

Documents for public review are available for download.

[VIEW DOWNLOAD PAGE](#)

## Correspondence

## Savannah Public Process

---

**From:** Savannah Public Process  
**Sent:** Wednesday, August 19, 2020 4:06 AM  
**To:** Colin Muller  
**Cc:** Ronald Baloyi; Reuben Maroga; Lisa Opperman  
**Subject:** SE2738: Geelstert 1 & 2 and Grid Connection: Response

Dear Colin,

[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com) is the e-mail address for the three project.s

Kind Regards,



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

Nicolene Venter  
**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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

---

**From:** Colin Muller <muller7026@gmail.com>  
**Sent:** Tuesday, August 18, 2020 11:54 AM  
**To:** Savannah Public Process <publicprocess@savannahsa.com>  
**Subject:**

Can provide me with a email address of the three companies  
Thanks

## Savannah Public Process

---

**From:** Savannah Public Process  
**Sent:** Tuesday, August 18, 2020 4:28 AM  
**To:** Colin Muller  
**Cc:** Ronald Baloyi  
**Subject:** RE: Vendor registration

Dear Colin,

The other projects in the area are:

- Geelstert PV1
- Geelstert PV2
- Geelstert Grid Connections

Additional to the projects listed below.

Kind Regards,



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

Nicolene Venter  
**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@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:** Savannah Public Process  
**Sent:** Tuesday, August 18, 2020 4:24 AM  
**To:** Colin Muller <muller7026@gmail.com>  
**Subject:** RE: Vendor registration

Dear Colin,

Thank you for the telephone discussion of yesterday morning.

To ensure we register you (and your company) to the relevant project, please indicate to which Basic Assessment and Public Participation process we need to register you:

- Upilanga Photo Voltaic 1
- Upilanga Photo Voltaic 2

Kind Regards,



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

Nicolene Venter  
**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@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:** Colin Muller <[muller7026@gmail.com](mailto:muller7026@gmail.com)>  
**Sent:** Monday, August 17, 2020 3:22 PM  
**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>  
**Subject:** Vendor registration

Hi Caroline

We deliver the following: transport, supplies, construction and renovation services, plumbing, welding, installation of alarms, water cooling systems, paving, tiling, carpeting and building.

Thank you in advance

Colin

## Ronald Baloyi

---

**From:** Savannah Public Process  
**Sent:** Thursday, 16 July 2020 13:59  
**To:** Natalie Schlebusch  
**Cc:** Ronald Baloyi; Nicolene Venter  
**Subject:** RE: Geelstert 1 and Geelstert 2 Solar PV Facilities Northern Cape  
**Attachments:** Geelstert English BID.pdf; SE2738-Geelstert PV1&PV2-RegForm FINAL.pdf

Dear Natalie,

Please find attached the Background Information Document that provides detailed information regarding the above-mentioned two projects.

To formally registering on the two projects' databases, please completed and return the attached registration and comment form.

Apologies for the delay in responding to your e-mail, there was a technical issue with our emails.

Kind Regards,



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

Nicolene Venter  
**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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

---

**From:**  
**Sent:** Wednesday, July 15, 2020 2:16 PM  
**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>  
**Subject:** RE: Geelstert 1 and Geelstert 2 Solar PV Facilities Northern Cape

Good Day,

Just a follow up on the below, if you can kindly provide me with additional information.

Kind Regards

**Natalie Schlebusch**  
**Project Coordinator, Turnkey Systems, International Operations**





Company Registration Number: 2012/108799/07

Managing Directors: Susanne Pflug, Yan Zhuang

---

This message is directed in confidence solely to the addressee(s) named above. This message contains privileged and/or confidential information, which is not to be disclosed to any third party. If you are not an intended recipient of this message or an authorized representative thereof, please contact the undersigned and then destroy this message as well as all existing copies. Any utilization of this message by a person other than an intended recipient hereof is strictly forbidden.

---

**From:** Natalie Schlebusch

**Sent:** July 8, 2020 3:08 PM

**To:** [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Subject:** Geelstert 1 and Geelstert 2 Solar PV Facilities Northern Cape

Good Day,

As per our earlier discussion, can you kindly advise the information required to register on the project database as well as obtaining further information on the projects.

Kind Regards,

## Ronald Baloyi

---

**From:**  
**Sent:** Wednesday, 19 August 2020 08:47  
**To:** Mark Botha; Lisa Opperman  
**Cc:** Reuben Maroga; Ronald Baloyi; Savannah Public Process; Peter Cloete; Dr Philip Desmet; Jacobus HL. Smit; Elsabe Swart  
**Subject:** Re: Proposed Geelstert PVs & Grid applications: Response to comments submitted

Thank you Mark,

I have also had a look and agree that they fall outside the offset geographical areas. The regional context of the development will of course still require review.

Regards  
Conrad

*Conrad Geldenhuys Pr.Sci.Nat.  
Production Scientist Grade B: Botanist  
Research and Development Support Section  
Northern Cape Department Environment and Nature Conservation  
Corner of Voortrekker and Magasyn streets  
PO Box 325*

---

**Sent:** Tuesday, 18 August 2020 16:53  
**To:** Lisa Opperman <lisa.o@savannahsa.com>

**Subject:** Re: Proposed Geelstert PVs & Grid applications: Response to comments submitted

Hi Lisa

Thanks for these. I can confirm that there is no conflict with the BMM offset and set aside areas. Would be useful to keep the two DENC officials copied on all future applications in namaqua district that Savannah may be involved with

regards



On Tue, 18 Aug 2020 at 16:25, Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)> wrote:

Dear Mark,

Please find attached the layout maps of the Geelstert 1, Geelstert 2 and the Geelstert Grid Connection projects as per your request below. I have also attached the locality map of the three Geelstert projects which puts the locations of the Geelstert projects within the Aggeneys area into perspective.

The cumulative map attached provides an indication of the locations of the Aggeneys PV projects within the Bloemhoek property. Kindly note that the Bloemhoek PV projects, referred to in your email below, no longer hold valid environmental authorisations.

I look forward to receiving further feedback from your side.

All parties included in your email below have been copied in this response.

Kind regards  
Lisa

---

**Sent:** Tuesday, 18 August 2020 15:19

**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Conrad Geldenhuys

**Subject:** re. Proposed Geelstert PVS & Grid applications. response to comments submitted

Colleagues, in haste

Please send me the layouts of Geelstert 1 & 2 (as well as Aggeneys 1 & 2 and Bloemhoek PV projects if you have them).

Simon does not have all the relevant offset components to hand - in addition to the offset properties were a range of set asides and commitments. These include large portions of Aggeneys and Bloemhoek

I would need to interrogate the layouts to ensure that they do not conflict. Please also copy Koos and Pieter from BMM and the DENC officials

---

On Tue, 18 Aug 2020 at 14:19, Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)> wrote:

Dear Mark,

I trust you are doing well.

Thank you for your comments raised on the Geelstert 1 and Geelstert 2 solar PV facilities and the Geelstert Grid Connection, as per your email below of 12 August 2020. As confirmed by our Public participation team, your interest has been registered on the project, and your details added to the project database.

The two authorised projects on the same property are known as the Aggeneys 1 and Aggeneys 2 Solar PV facilities. These are located directly north of the proposed Geelstert 1 and Geelstert 2 solar PV facilities, and north of the Aggeneis-Aries 400kV line.

We note your comment that portions of the farms Bloemhoek and Aggeneys have either been formally set aside as biodiversity offsets by Black Mountain Mine for the Gamsberg project, or are managed as nature reserves contributing to biodiversity targets in this landscape. Where you are able to provide specific details regarding the offset areas, this input would form part of the assessment reporting.

Simon Todd, as the ecologist who has assessed the Geelstert project, has advised that he is aware of the offset requirements associated the EA for the Gamsberg Mine. He advised that this offset includes several properties, the nearest of which is the farm Achab which includes the large ridge east of the Gamsberg itself, northeast of the Bloemhoek property. The PV projects are confined to the Bloemhoek property. The farm Aggeneys 056 is traversed by the grid corridor, and while owned by the mine, Simon has confirmed that this is not an offset property. It is acknowledged that the deep sands of the Koa River valley are important for the Red Lark and from a conservation perspective, and have been flagged as such in the ecological assessment relevant to the Geelstert projects. The PV projects avoid infringement on sensitive areas, habitats and features within the area and have been reported to be located predominantly within areas of low sensitivity. There are features and areas of a high sensitivity present within the grid connection corridor of the Geelstert Grid Connection which need to be avoided, however these features and the associated buffers will be spanned by the power line infrastructure. As sensitive features are avoided by the planned PV facilities, the need for an offset was not identified to be required.

Technical considerations such as the grid connection and capacity study form part of the project feasibility work undertaken by the developer. As not all authorised projects have been awarded preferred bidder status, the connection to the grid is offered to the next project which is awarded preferred bidder.

Your comments have been recorded within the comments and responses reports of the relevant Geelstert Basic Assessment reports. You will be notified of the availability of these Basic Assessment Reports for review in due course. The layout maps which you have requested will be included in the Basic Assessment Reports, as well as the sensitivity maps associated with the areas under consideration for development.

We welcome any further comments or queries you may have on the projects.

Kind Regards,



Nicolene Venter  
Public Process

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

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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

---

**From:** Savannah Public Process

**Sent:** Friday, August 14, 2020 3:04 PM

**Cc:** Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)>; Reuben Maroga <[reuben@savannahsa.com](mailto:reuben@savannahsa.com)>; Ronald Baloyi <[Ronald@savannahsa.com](mailto:Ronald@savannahsa.com)>

**Subject:** Proposed Geelstert PVs & Grid applications: Acknowledgement of e-mail

Dear Mark,

Thank you for your email pertaining to the Geelstert projects near Aggeneys.

As per your request in the email dated 12 August 2020, you have been registered as an I&AP on the project database for the Geelstert 1 and Geelstert 2 solar PV facilities, as well as the Geelstert Grid Connection. Your interest in the project is noted.

In instances where parties copied in this email have received the process notification for the projects they have already been registered as part of the project databases. We welcome any other parties to raise their interest in the projects or request to be registered on the project database, including those cc'ed in the email.

We acknowledge your comments raised in the email below pertaining to the projects, as well as the request for specific project information. Kindly note that the information requested and a response to your comments will be provided in due course.

Kind Regards,



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

Nicolene Venter  
**Public Process**

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c: +27 (0)60 978 8396

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---

**Sent:** Wednesday, August 12, 2020 10:24 AM

**Subject:** Proposed Geelstert PV application - Farms Bloemhoek, Aggeneys

Dear Nicolene (cc DFFE and DENC colleagues)

Please register me as an I&AP for the DBAR process for the proposed Geelstert PV application. Also, please note the others copied on this email who may also wish to be registered, or who require a dedicated comment opportunity.

Please could you send through a detailed layout of the application.

I note with interest that there are two prior applications over the relevant farm portions which have already been approved, and wonder how this new application resonates with that.

Please note further, that portions of the farms Bloemhoek and Aggeneys have either been formally set aside as biodiversity offsets by Black Mountain Mine for the Gamsberg project, or are managed as nature reserves contributing to biodiversity targets in this landscape.

Please advise your client that if any of the sensitive biodiversity features are to be impacted, that a significant biodiversity offset is likely to be required, which has bearing on project location, layout and viability.

I urge your client to engage frankly with the various regulators and landowners in this region prior to committing further to this process, and also to undertake a grid connection and capacity study upfront to determine whether additional connections can be accommodated (given the large number of existing approved projects).

Look forward to hearing from you

regards

### **Conservation Strategy, Tactics and Insight**

*Pr.Sci.Nat*



*"If we have decided what the answers cannot be - or what answers we could not cope with - then there seems little point, beyond a fondness for the truth, in asking the questions" - D Murray*

## Ronald Baloyi

---

**From:** Savannah Public Process  
**Sent:** Tuesday, 18 August 2020 11:39  
**To:**  
**Cc:** Ronald Baloyi; Nicolene Venter  
**Subject:** SE2738: Geelstert Project - Acknowledgement of Registration (Takeudjeu Dieudonne)  
**Attachments:** Geelstert English BID.pdf

Dear Mr Ngneutedem,

Thank you for your registration request and information provided below.

Please receive herewith confirmation that you are registered on the above-mentioned three projects' databases.

The details provided regarding your driver license codes and request for possible employment as a general worker has been forwarded to the applicant as Savannah Environmental is undertaking the Basic Assessment and public participation processes for these three projects.

You are also welcome to visit our online public participation platform for additional information: <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>

Please find attached for your information the Background Information Document regarding these three projects.

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 Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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---

**From:**  
**Sent:** Monday, August 17, 2020 12:26 PM  
**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>  
**Subject:** Geelstert 1,2 and Geelstert grid connections

I got code 10 drivers license and pdp  
And am just waiting to passed out for my code 14 license  
Am looking for anything even if it's a general worker post

Thanks

[Sent from Yahoo Mail on Android](#)

Notification of availability of BAR for review and comment

## Savannah Public Process

---

**From:** Sam Ralston <energy@birdlife.org.za>  
**Sent:** Wednesday, August 26, 2020 3:25 PM  
**To:** Savannah Public Process  
**Cc:** Sam Ralston; Nicolene Venter; Ronald Baloyi  
**Subject:** Re: GEELSTERT 1 & 2 and GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment

Many thanks! Would it be possible to get a shape-file of the proposed development footprints?

On 26 Aug 2020, at 13:10, Savannah Public Process <publicprocess@savannahsa.com> wrote:

Dear Samantha,

Please find below the Release Codes for the three (3) projects:

Geelstert 1	7Y52"
Geelstert 2	)*&gh
Geelstert Grid	88£*&

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

Kind Regards,

<image001.png>

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

Nicolene Venter  
**Public Process**

<image003.gif> e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

---

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---

---

**From:** Sam Ralston <energy@birdlife.org.za>  
**Sent:** Wednesday, August 26, 2020 1:04 PM  
**To:** Savannah Public Process <publicprocess@savannahsa.com>  
**Cc:** Nicolene Venter <nicolene@savannahsa.com>; Ronald Baloyi <Ronald@savannahsa.com>  
**Subject:** Re: GEELSTERT 1 & 2 and GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment

Dear Nicolene

I cannot log in to your website (previously used passwords were rejected and I cannot reset it). Is it possible to get the reports sent via another link?

Many thanks  
Sam

**Samantha Ralston-Paton**  
Birds and Renewable Energy Project Manager

<image005.png>

Private Bag X16, Pinegowrie 2123, Johannesburg, Gauteng, South Africa  
Cell: +27 (0) 83 673 3948  
E-mail: [energy@birdlife.org.za](mailto:energy@birdlife.org.za)



<image007.png><image009.png><image010.png>

BirdLife South Africa's Birds and Renewable Energy Project is sponsored by Investec Corporate and Institutional Banking

<image002.png>

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On 19 Aug 2020, at 17:20, Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)> wrote:

**GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND  
GEELSTERT GRID CONNECTION NEAR AGGENEYS,  
NORTHERN CAPE PROVINCE**

Dear Ms Ralston-Pton,

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

As a registered Interested and Affected Party (I&AP), you are hereby notified that the following three Basic Assessment Reports (BARs) are available for your review and comment from **Thursday, 20 August 2020** until **Monday, 21 September 2020**. The reports are available for download from our website / stakeholder engagement platform on the above-mentioned link.

The restrictions enforced in terms of the 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 BARs at the public places such as Libraries. We invite you to visit our online stakeholder engagement platform at <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>

Should you not be able to access our online stakeholder engagement platform to download the BARs, please refer to the attached letter for alternative means to obtain the BARs. The attached letter also provides further details regarding the availability of the BARs.

Kind regards,

<1.png>

t: 011 656 3237  
f: 086 684 0547

**Nicolene Venter**

Public Process

<0.gif> e: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)  
c: +27 (0) 60 978 8396

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<SE2738-Geelstert BARs BIRDLIFE SA-RALSTON-PATON Samantha.pdf>

## Nicolene Venter

---

**From:** Nicolene Venter  
**Sent:** Wednesday, September 2, 2020 4:03 PM  
**To:** Sam Ralston  
**Cc:** Ronald Baloyi; Nicolene Venter  
**Subject:** Geelstert 1 & 2 and Grid Connection: KMZ files  
**Attachments:** Geelstert 1 Layout - BirdLife.kmz; Geestert 2 - BirdLife.kmz; Geelstert Grid Connection - BirdLife.kmz

Dear Samantha,

As requested, herewith the .KMZ files for the three (3) proposed projects.

Kind regards,

**Nicolene Venter**

Public Participation & Social Consultant

Tel: +27 (0)11 656 3237 | Cell: +27 (0)83 377 9112 | Fax: +27 (0)86 684 0547

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

---

**From:** Sam Ralston <energy@birdlife.org.za>  
**Sent:** Wednesday, August 26, 2020 3:25 PM  
**To:** Savannah Public Process <publicprocess@savannahsa.com>  
**Cc:** Sam Ralston <energy@birdlife.org.za>; Nicolene Venter <nicolene@savannahsa.com>; Ronald Baloyi <Ronald@savannahsa.com>  
**Subject:** Re: GEELSTERT 1 & 2 and GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment

Many thanks! Would it be possible to get a shape-file of the proposed development footprints?

On 26 Aug 2020, at 13:10, Savannah Public Process <publicprocess@savannahsa.com> wrote:

Dear Samantha,

Please find below the Release Codes for the three (3) projects:

Geelstert 1	7Y52"
Geelstert 2	)*&gh
Geelstert Grid	88£*&

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

Kind Regards,

<image001.png>

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f: +27 (0) 86 684 0547

<image003.gif>

Nicolene Venter

**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)

c: +27 (0)60 978 8396

---

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---

**From:** Sam Ralston <energy@birdlife.org.za>  
**Sent:** Wednesday, August 26, 2020 1:04 PM  
**To:** Savannah Public Process <publicprocess@savannahsa.com>  
**Cc:** Nicolene Venter <nicolene@savannahsa.com>; Ronald Baloyi <Ronald@savannahsa.com>  
**Subject:** Re: GEELSTERT 1 & 2 and GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment

Dear Nicolene

I cannot log in to your website (previously used passwords were rejected and I cannot reset it). Is it possible to get the reports sent via another link?

Many thanks

Sam

**Samantha Ralston-Paton**

Birds and Renewable Energy Project Manager

<image005.png>

Private Bag X16, Pinegowrie 2123, Johannesburg, Gauteng, South Africa

Cell: +27 (0) 83 673 3948

E-mail: [energy@birdlife.org.za](mailto:energy@birdlife.org.za)

<http://www.birdlife.org.za>

<image007.png><image009.png><image010.png>

BirdLife South Africa's Birds and Renewable Energy Project is sponsored by Investec Corporate and Institutional Banking

<image002.png>

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On 19 Aug 2020, at 17:20, Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)> wrote:

**GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND  
GEELSTERT GRID CONNECTION NEAR AGGENEYS,  
NORTHERN CAPE PROVINCE**

Dear Ms Ralston-Pton,

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

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limitations on making hard copies of the BARs at the public places such as Libraries. We invite you to visit our online stakeholder engagement platform at <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>

Should you not be able to access our online stakeholder engagement platform to download the BARs, please refer to the attached letter for alternative means to obtain the BARs. The attached letter also provides further details regarding the availability of the BARs.

Kind regards,

<1.png>

t: 011 656 3237  
f: 086 684 0547

**Nicolene Venter**

Public Process

<0.gif> e: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)  
c: +27 (0) 60 978 8396

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<SE2738-Geelstert BARs BIRDLIFE SA-RALSTON-PATON Samantha.pdf>

## Ronald Baloyi

---

**From:** Reuben Maroga  
**Sent:** Thursday, 08 October 2020 11:27  
**To:** 'Sam Ralston'  
**Cc:** Lisa Opperman  
**Subject:** SE2738-Geelstert: Avifauna Reports for Aggeneys projects  
**Attachments:** Aggeneys PV1 App E - Avifauna Impact Assessment.pdf; Aggeneys PV2 Appendix E - Avifauna Impact Assessment.pdf; Aggeneys Grid 1 App E - Avifauna Impact Assessment.pdf; Aggeneys Grid 2 App E - Avifauna Impact Assessment.pdf

Hi Samantha,

I trust that you have been well.

As discussed in the meeting we held regarding BirdLife's comments on the proposed Geelstert projects near Aggeneys, please see attached the completed Avifauna reports for the authorised Aggeneys solar PV facilities as well as the grid connection for each of the projects.

Let me know if you will require the Environmental Authorisations for the projects. I will be glad to assist.

Best Regards



**Reuben Maroga**  
Environmental Consultant

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

e: [reuben@savannahsa.com](mailto:reuben@savannahsa.com)  
c: +27 (0) 71 146 1820

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## Ronald Baloyi

---

**From:** Savannah Public Process  
**Sent:** Thursday, 16 July 2020 13:59  
**To:** Natalie Schlebusch  
**Cc:** Ronald Baloyi; Nicolene Venter  
**Subject:** RE: Geelstert 1 and Geelstert 2 Solar PV Facilities Northern Cape  
**Attachments:** Geelstert English BID.pdf; SE2738-Geelstert PV1&PV2-RegForm FINAL.pdf

Dear Natalie,

Please find attached the Background Information Document that provides detailed information regarding the above-mentioned two projects.

To formally registering on the two projects' databases, please completed and return the attached registration and comment form.

Apologies for the delay in responding to your e-mail, there was a technical issue with our emails.

Kind Regards,



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

Nicolene Venter  
**Public Process**

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c: +27 (0)60 978 8396

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---

**From:** Natalie Schlebusch <natalie.schlebusch@canadiansolar.com>  
**Sent:** Wednesday, July 15, 2020 2:16 PM  
**To:** Savannah Public Process <publicprocess@savannahsa.com>  
**Subject:** RE: Geelstert 1 and Geelstert 2 Solar PV Facilities Northern Cape

Good Day,

Just a follow up on the below, if you can kindly provide me with additional information.

Kind Regards

**Natalie Schlebusch**  
**Project Coordinator, Turnkey Systems, International Operations**



Canadian Solar Solutions Inc.  
Letterstedt House, 4th Floor,  
Newlands on Main, Cnr of Campground and Main Roads, Newlands, 7700, South Africa

Mobile: +27 79 139 0041



Company Registration Number: 2012/108799/07

Managing Directors: Susanne Pflug, Yan Zhuang

---

This message is directed in confidence solely to the addressee(s) named above. This message contains privileged and/or confidential information, which is not to be disclosed to any third party. If you are not an intended recipient of this message or an authorized representative thereof, please contact the undersigned and then destroy this message as well as all existing copies. Any utilization of this message by a person other than an intended recipient hereof is strictly forbidden.

---

**From:** Natalie Schlebusch

**Sent:** July 8, 2020 3:08 PM

**To:** [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Subject:** Geelstert 1 and Geelstert 2 Solar PV Facilities Northern Cape

Good Day,

As per our earlier discussion, can you kindly advise the information required to register on the project database as well as obtaining further information on the projects.

Kind Regards,

## Ronald Baloyi

---

**From:** Savannah Public Process  
**Sent:** Tuesday, 18 August 2020 11:39  
**To:** dtakeudjeu@yahoo.com  
**Cc:** Ronald Baloyi; Nicolene Venter  
**Subject:** SE2738: Geelstert Project - Acknowledgement of Registration (Takeudjeu Dieudonne)  
**Attachments:** Geelstert English BID.pdf

Dear Mr Ngneutedem,

Thank you for your registration request and information provided below.

Please receive herewith confirmation that you are registered on the above-mentioned three projects' databases.

The details provided regarding your driver license codes and request for possible employment as a general worker has been forwarded to the applicant as Savannah Environmental is undertaking the Basic Assessment and public participation processes for these three projects.

You are also welcome to visit our online public participation platform for additional information: <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>

Please find attached for your information the Background Information Document regarding these three projects.

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 Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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---

**From:** Takeudjeu Dieudonne <dtakeudjeu@yahoo.com>  
**Sent:** Monday, August 17, 2020 12:26 PM  
**To:** Savannah Public Process <publicprocess@savannahsa.com>  
**Subject:** Geelstert 1,2 and Geelstert grid connections

Mr DIEUDONNE TAKEUDJEU NGNEUTEDEM  
ID: 7201106886184  
:0789899989  
:0824390950  
:42 dawids street  
Extension upington



I got code 10 drivers license and pdp  
And am just waiting to passed out for my code 14 license  
Am looking for anything even if it's a general worker post

Thanks

[Sent from Yahoo Mail on Android](#)

## Savannah Public Process

---

**From:** Savannah Public Process  
**Sent:** Wednesday, August 19, 2020 4:06 AM  
**To:** Colin Muller  
**Cc:** Ronald Baloyi; Reuben Maroga; Lisa Opperman  
**Subject:** SE2738: Geelstert 1 & 2 and Grid Connection: Response

Dear Colin,

[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com) is the e-mail address for the three project.s

Kind Regards,



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

Nicolene Venter  
**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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---

**From:** Colin Muller <muller7026@gmail.com>  
**Sent:** Tuesday, August 18, 2020 11:54 AM  
**To:** Savannah Public Process <publicprocess@savannahsa.com>  
**Subject:**

Can provide me with a email address of the three companies  
Thanks

## Savannah Public Process

---

**From:** Savannah Public Process  
**Sent:** Tuesday, August 18, 2020 4:28 AM  
**To:** Colin Muller  
**Cc:** Ronald Baloyi  
**Subject:** RE: Vendor registration

Dear Colin,

The other projects in the area are:

- Geelstert PV1
- Geelstert PV2
- Geelstert Grid Connections

Additional to the projects listed below.

Kind Regards,



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

Nicolene Venter  
**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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---

**From:** Savannah Public Process  
**Sent:** Tuesday, August 18, 2020 4:24 AM  
**To:** Colin Muller <muller7026@gmail.com>  
**Subject:** RE: Vendor registration

Dear Colin,

Thank you for the telephone discussion of yesterday morning.

To ensure we register you (and your company) to the relevant project, please indicate to which Basic Assessment and Public Participation process we need to register you:

- Upilanga Photo Voltaic 1
- Upilanga Photo Voltaic 2

Kind Regards,



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

Nicolene Venter  
**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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---

**From:** Colin Muller <[muller7026@gmail.com](mailto:muller7026@gmail.com)>  
**Sent:** Monday, August 17, 2020 3:22 PM  
**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>  
**Subject:** Vendor registration

Hi Caroline

We deliver the following: transport, supplies, construction and renovation services, plumbing, welding, installation of alarms, water cooling systems, paving, tiling, carpeting and building.

Thank you in advance

Colin

## Savannah Public Process

---

**From:** Jacobus Smit <JHSmit@vedantaresources.co.za>  
**Sent:** Tuesday, August 18, 2020 5:20 PM  
**To:** Lisa Opperman; Mark Botha  
**Cc:** Reuben Maroga; Ronald Baloyi; Savannah Public Process; Conrad Geldenhuys; Peter Cloete; Dr Philip Desmet  
**Subject:** RE: Proposed Geelstert PVs & Grid applications: Response to comments submitted

Thank you Mark and Lisa.

We acknowledge communication, request and information provided.

Will revert back soonest.

Kind regards

**Jacobus Hendrik Louw Smit** | Tel: +27 54 983 8623 | Mobile: +27 72 289 8560 | Email: [JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)

---

**From:** Lisa Opperman <lisa.o@savannahsa.com>  
**Sent:** Tuesday, 18 August 2020 4:55 PM  
**To:** Mark Botha <mark@ecological.co.za>  
**Cc:** Reuben Maroga <reuben@savannahsa.com>; Ronald Baloyi <Ronald@savannahsa.com>; Savannah Public Process <publicprocess@savannahsa.com>; Conrad Geldenhuys <c.geldenhuys@hotmail.com>; Peter Cloete <peter.denc87@gmail.com>; Dr Philip Desmet <drphil@ecosolgis.com>; Jacobus Smit <JHSmit@vedantaresources.co.za>  
**Subject:** RE: Proposed Geelstert PVs & Grid applications: Response to comments submitted

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---

Hi Mark,

Thank you for the feedback and guidance.

We will keep DENC in the loop of any projects within the area.

Kind regards

Lisa

---

**From:** Mark Botha <[mark@ecological.co.za](mailto:mark@ecological.co.za)>  
**Sent:** Tuesday, 18 August 2020 16:53  
**To:** Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)>  
**Cc:** Reuben Maroga <[reuben@savannahsa.com](mailto:reuben@savannahsa.com)>; Ronald Baloyi <[Ronald@savannahsa.com](mailto:Ronald@savannahsa.com)>; Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Conrad Geldenhuys <[c.geldenhuys@hotmail.com](mailto:c.geldenhuys@hotmail.com)>; Peter Cloete <[peter.denc87@gmail.com](mailto:peter.denc87@gmail.com)>; Dr Philip Desmet <[drphil@ecosolgis.com](mailto:drphil@ecosolgis.com)>; Jacobus HL. Smit <[JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)>  
**Subject:** Re: Proposed Geelstert PVs & Grid applications: Response to comments submitted

Hi Lisa

Thanks for these. I can confirm that there is no conflict with the BMM offset and set aside areas. Would be useful to keep the two DENC officials copied on all future applications in namaqua district that Savannah may be involved with

regards

Mark  
084 588 8346  
021 7890684

On Tue, 18 Aug 2020 at 16:25, Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)> wrote:

Dear Mark,

Please find attached the layout maps of the Geelstert 1, Geelstert 2 and the Geelstert Grid Connection projects as per your request below. I have also attached the locality map of the three Geelstert projects which puts the locations of the Geelstert projects within the Aggeneys area into perspective.

The cumulative map attached provides an indication of the locations of the Aggeneys PV projects within the Bloemhoek property. Kindly note that the Bloemhoek PV projects, referred to in your email below, no longer hold valid environmental authorisations.

I look forward to receiving further feedback from your side.

All parties included in your email below have been copied in this response.

Kind regards

Lisa

---

**From:** Mark Botha <[mark@ecological.co.za](mailto:mark@ecological.co.za)>

**Sent:** Tuesday, 18 August 2020 15:19

**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Conrad Geldenhuys <[c.geldenhuys@hotmail.com](mailto:c.geldenhuys@hotmail.com)>; Peter Cloete <[peter.denc87@gmail.com](mailto:peter.denc87@gmail.com)>; Dr Philip Desmet <[drphil@ecosolgis.com](mailto:drphil@ecosolgis.com)>; Jacobus HL. Smit <[JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)>

**Cc:** Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)>; Reuben Maroga <[reuben@savannahsa.com](mailto:reuben@savannahsa.com)>; Ronald Baloyi <[Ronald@savannahsa.com](mailto:Ronald@savannahsa.com)>

**Subject:** Re: Proposed Geelstert PVs & Grid applications: Response to comments submitted

Colleagues, in haste

Please send me the layouts of Geelstert 1 & 2 (as well as Aggeneys 1 & 2 and Bloemhoek PV projects if you have them).

Simon does not have all the relevant offset components to hand - in addition to the offset properties were a range of set asides and commitments. These include large portions of Aggeneys and Bloemhoek

I would need to interrogate the layouts to ensure that they do not conflict. Please also copy Koos and Pieter from BMM and the DENC officials

thanks and regards

Mark

084 588 8346

021 7890684

On Tue, 18 Aug 2020 at 14:19, Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)> wrote:

Dear Mark,

I trust you are doing well.

Thank you for your comments raised on the Geelstert 1 and Geelstert 2 solar PV facilities and the Geelstert Grid Connection, as per your email below of 12 August 2020. As confirmed by our Public participation team, your interest has been registered on the project, and your details added to the project database.

The two authorised projects on the same property are known as the Aggeneys 1 and Aggeneys 2 Solar PV facilities. These are located directly north of the proposed Geelstert 1 and Geelstert 2 solar PV facilities, and north of the Aggeneis-Aries 400kV line.

We note your comment that portions of the farms Bloemhoek and Aggeneys have either been formally set aside as biodiversity offsets by Black Mountain Mine for the Gamsberg project, or are managed as nature reserves contributing to biodiversity targets in this landscape. Where you are able to provide specific details regarding the offset areas, this input would form part of the assessment reporting.

Simon Todd, as the ecologist who has assessed the Geelstert project, has advised that he is aware of the offset requirements associated the EA for the Gamsberg Mine. He advised that this offset includes several properties, the nearest of which is the farm Achab which includes the large ridge east of the Gamsberg itself, northeast of the Bloemhoek property. The PV projects are confined to the Bloemhoek property. The farm Aggeneys 056 is traversed by the grid corridor, and while owned by the mine, Simon has confirmed that this is not an offset property. It is acknowledged that the deep sands of the Koa River valley are important for the Red Lark and from a conservation perspective, and have been flagged as such in the ecological assessment relevant to the Geelstert projects. The PV projects avoid infringement on sensitive areas, habitats and features within the area and have been reported to be located predominantly within areas of low sensitivity. There are features and areas of a high sensitivity present within the grid connection corridor of the Geelstert Grid Connection which need to be avoided, however these features and the associated buffers will be spanned by the power line infrastructure. As sensitive features are avoided by the planned PV facilities, the need for an offset was not identified to be required.

Technical considerations such as the grid connection and capacity study form part of the project feasibility work undertaken by the developer. As not all authorised projects have been awarded preferred bidder status, the connection to the grid is offered to the next project which is awarded preferred bidder.

Your comments have been recorded within the comments and responses reports of the relevant Geelstert Basic Assessment reports. You will be notified of the availability of these Basic Assessment Reports for review in due course. The layout maps which you have requested will be included in the Basic Assessment Reports, as well as the sensitivity maps associated with the areas under consideration for development.

We welcome any further comments or queries you may have on the projects.

Kind Regards,



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

Nicolene Venter

**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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



**From:** Savannah Public Process

**Sent:** Friday, August 14, 2020 3:04 PM

**To:** 'Mark Botha' <[mark@ecological.co.za](mailto:mark@ecological.co.za)>; Dr Philip Desmet <[drphil@ecosolgis.com](mailto:drphil@ecosolgis.com)>; Kerry Purnell <[kerry@wfa.africa](mailto:kerry@wfa.africa)>; Ben-Jon Dreyer <[ben-jon@wfa.africa](mailto:ben-jon@wfa.africa)>; Pieter David Venter <[PieterDavidVenter@blackmountain.co.za](mailto:PieterDavidVenter@blackmountain.co.za)>; Jacobus HL. Smit <[JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)>; Elsabe Swart <[elsabe.dtec@gmail.com](mailto:elsabe.dtec@gmail.com)>; Peter Cloete <[peter.denc87@gmail.com](mailto:peter.denc87@gmail.com)>; Conrad Geldenhuys <[c.geldenhuys@hotmail.com](mailto:c.geldenhuys@hotmail.com)>; Muhammad Essop <[MEssop@environment.gov.za](mailto:MEssop@environment.gov.za)>

**Cc:** Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)>; Reuben Maroga <[reuben@savannahsa.com](mailto:reuben@savannahsa.com)>; Ronald Baloyi <[Ronald@savannahsa.com](mailto:Ronald@savannahsa.com)>

**Subject:** Proposed Geelstert PVs & Grid applications: Acknowledgement of e-mail

Dear Mark,

Thank you for your email pertaining to the Geelstert projects near Aggeneys.

As per your request in the email dated 12 August 2020, you have been registered as an I&AP on the project database for the Geelstert 1 and Geelstert 2 solar PV facilities, as well as the Geelstert Grid Connection. Your interest in the project is noted.

In instances where parties copied in this email have received the process notification for the projects they have already been registered as part of the project databases. We welcome any other parties to raise their interest in the projects or request to be registered on the project database, including those cc'ed in the email.

We acknowledge your comments raised in the email below pertaining to the projects, as well as the request for specific project information. Kindly note that the information requested and a response to your comments will be provided in due course.

Kind Regards,

**savannah**  
environmental

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

Nicolene Venter

**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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**From:** Mark Botha <[mark@ecological.co.za](mailto:mark@ecological.co.za)>

**Sent:** Wednesday, August 12, 2020 10:24 AM

**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Dr Philip Desmet <[drphil@ecosolgis.com](mailto:drphil@ecosolgis.com)>; Kerry Purnell <[kerry@wfa.africa](mailto:kerry@wfa.africa)>; Ben-Jon Dreyer <[ben-jon@wfa.africa](mailto:ben-jon@wfa.africa)>; Pieter David Venter <[PieterDavidVenter@blackmountain.co.za](mailto:PieterDavidVenter@blackmountain.co.za)>; Jacobus HL. Smit <[JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)>; Elsabe Swart <[elsabe.dtec@gmail.com](mailto:elsabe.dtec@gmail.com)>; Peter Cloete <[peter.denc87@gmail.com](mailto:peter.denc87@gmail.com)>; Conrad Geldenhuys <[c.geldenhuys@hotmail.com](mailto:c.geldenhuys@hotmail.com)>; Muhammad Essop <[MEssop@environment.gov.za](mailto:MEssop@environment.gov.za)>

**Subject:** Proposed Geelstert PV application - Farms Bloemhoek, Aggeneys

Dear Nicolene (cc DFFE and DENC colleagues)

Please register me as an I&AP for the DBAR process for the proposed Geelstert PV application.

Also, please note the others copied on this email who may also wish to be registered, or who require a dedicated comment opportunity.

Please could you send through a detailed layout of the application.

I note with interest that there are two prior applications over the relevant farm portions which have already been approved, and wonder how this new application resonates with that.

Please note further, that portions of the farms Bloemhoek and Aggeneys have either been formally set aside as biodiversity offsets by Black Mountain Mine for the Gamsberg project, or are managed as nature reserves contributing to biodiversity targets in this landscape.

Please advise your client that if any of the sensitive biodiversity features are to be impacted, that a significant biodiversity offset is likely to be required, which has bearing on project location, layout and viability.

I urge your client to engage frankly with the various regulators and landowners in this region prior to committing further to this process, and also to undertake a grid connection and capacity study upfront to determine whether additional connections can be accommodated (given the large number of existing approved projects).

Look forward to hearing from you

regards

Mark Botha

**Conservation Strategy, Tactics and Insight**

Pr.Sci.Nat



*“If we have decided what the answers cannot be - or what answers we could not cope with - then there seems little point, beyond a fondness for the truth, in asking the questions” - D Murray*

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## Savannah Public Process

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**From:** Jacobus Smit <JHSmit@vedantaresources.co.za>  
**Sent:** Thursday, August 13, 2020 6:44 AM  
**To:** Mark Botha; Savannah Public Process; Dr Philip Desmet; Kerry Purnell; Ben-Jon Dreyer; Pieter David Venter; Elsabe Swart; Peter Cloete; Conrad Geldenhuys; Muhammad Essop  
**Subject:** RE: Proposed Geelstert PV application - Farms Bloemhoek, Aggeneys

Mark

Thank you for your mail and including us. BMM have received notification which was submitted to Pieter Venter and will register as I&AP for this process.

Regards

**Jacobus Hendrik Louw Smit** | Tel: +27 54 983 8623 | Mobile: +27 72 289 8560 | Email: [JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)

---

**From:** Mark Botha <mark@ecological.co.za>  
**Sent:** Wednesday, 12 August 2020 10:24 AM  
**To:** publicprocess@savannahsa.com; Dr Philip Desmet <drphil@ecosolgis.com>; Kerry Purnell <kerry@wfa.africa>; Ben-Jon Dreyer <ben-jon@wfa.africa>; Pieter David Venter <PVenter@vedantaresources.co.za>; Jacobus Smit <JHSmit@vedantaresources.co.za>; Elsabe Swart <elsabe.dtec@gmail.com>; Peter Cloete <peter.denc87@gmail.com>; Conrad Geldenhuys <c.geldenhuys@hotmail.com>; Muhammad Essop <MEssop@environment.gov.za>  
**Subject:** Proposed Geelstert PV application - Farms Bloemhoek, Aggeneys

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---

Dear Nicolene (cc DFFE and DENC colleagues)

Please register me as an I&AP for the DBAR process for the proposed Geelstert PV application. Also, please note the others copied on this email who may also wish to be registered, or who require a dedicated comment opportunity.

Please could you send through a detailed layout of the application. I note with interest that there are two prior applications over the relevant farm portions which have already been approved, and wonder how this new application resonates with that. Please note further, that portions of the farms Bloemhoek and Aggeneys have either been formally set aside as biodiversity offsets by Black Mountain Mine for the Gamsberg project, or are managed as nature reserves contributing to biodiversity targets in this landscape.

Please advise your client that if any of the sensitive biodiversity features are to be impacted, that a significant biodiversity offset is likely to be required, which has bearing on project location, layout and viability.

I urge your client to engage frankly with the various regulators and landowners in this region prior to committing further to this process, and also to undertake a grid connection and capacity study upfront to

determine whether additional connections can be accommodated (given the large number of existing approved projects).

Look forward to hearing from you

regards

**Mark Botha**

***Conservation Strategy, Tactics and Insight***

*Pr.Sci.Nat*



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## Savannah Public Process

---

**From:** Savannah Public Process  
**Sent:** Friday, August 21, 2020 6:16 PM  
**To:** Veronique Fyfe; Justin Muhl  
**Subject:** GEELSTERT 1 & 2 PVs & GEELSTERT GRID CONNECTION: Release Codes

Hi Veronique,

Herewith the Release Codes:

- Geelstert 1: 7Y52"
- Geelstert 2: )\*&gh
- Geelstert Grid: 88£\*&

Kind Regards,



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

Nicolene Venter  
**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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

---

**From:** Veronique Fyfe <[veronique@g7energies.com](mailto:veronique@g7energies.com)>  
**Sent:** Thursday, August 20, 2020 11:00 AM  
**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Justin Muhl <[justin@g7energies.com](mailto:justin@g7energies.com)>  
**Subject:** Re: GEELSTERT 1 & 2 SOLAR PV FACILITY and GEELSTERT GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment

Hi Ronald,

Please could you send through the release codes for these projects.

Thanks,

Veronique Fyfe | Project Manager  
G7 Renewable Energies (Pty) Ltd

5th Floor, 125 Buitengracht Street  
Cape Town 8001, South Africa  
+27 82 825 6069 (Mobile)  
+27 21 300 0610 (Office) / 0613 (direct extension)  
+27 86 514 1735 (Fax)  
[www.g7energies.com](http://www.g7energies.com)

On Wed, 19 Aug 2020 at 16:25, Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)> wrote:

# GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION NEAR AGGENEYS, NORTHERN CAPE PROVINCE

Dear Stakeholder and Interested and/or Affected Party,

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

As a registered Interested and Affected Party (I&AP), you are hereby notified that the following three Basic Assessment Reports (BARs) are available for your review and comment from **Thursday, 20 August 2020** until **Monday, 21 September 2020**. The reports are available for download from our website / stakeholder engagement platform on the above-mentioned link.

The restrictions enforced in terms of the 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 BARs at the public places such as Libraries. We invite you to visit our online stakeholder engagement platform at <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>

Should you not be able to access our online stakeholder engagement platform to download the BARs, please refer to the attached letter for alternative means to obtain the BARs. The attached letter also provides further details regarding the availability of the BARs.

Kind regards,

savannah  
environmental

t: 011 656 3237

f: 086 684 0547

**Nicolene Venter**

Public Process

e: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

c: +27 (0) 60 978 8396

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## Savannah Public Process

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**Sent:** Friday, August 21, 2020 6:16 PM  
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**Subject:** GEELSTERT 1 & 2 PVs & GEELSTERT GRID CONNECTION: Release Codes

Hi Veronique,

Herewith the Release Codes:

- Geelstert 1: 7Y52"
- Geelstert 2: )\*&gh
- Geelstert Grid: 88&\*&

Kind Regards,



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**Sent:** Thursday, August 20, 2020 11:00 AM  
**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Justin Muhl <[justin@g7energies.com](mailto:justin@g7energies.com)>  
**Subject:** Re: GEELSTERT 1 & 2 SOLAR PV FACILITY and GEELSTERT GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment

Hi Ronald,

Please could you send through the release codes for these projects.

Thanks,

Veronique Fyfe | Project Manager  
G7 Renewable Energies (Pty) Ltd

5th Floor, 125 Buitengracht Street  
Cape Town 8001, South Africa  
+27 82 825 6069 (Mobile)  
+27 21 300 0610 (Office) / 0613 (direct extension)  
+27 86 514 1735 (Fax)  
[www.g7energies.com](http://www.g7energies.com)

On Wed, 19 Aug 2020 at 16:25, Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)> wrote:



# GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION NEAR AGGENEYS, NORTHERN CAPE PROVINCE

Dear Stakeholder and Interested and/or Affected Party,

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As a registered Interested and Affected Party (I&AP), you are hereby notified that the following three Basic Assessment Reports (BARs) are available for your review and comment from **Thursday, 20 August 2020** until **Monday, 21 September 2020**. The reports are available for download from our website / stakeholder engagement platform on the above-mentioned link.

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Should you not be able to access our online stakeholder engagement platform to download the BARs, please refer to the attached letter for alternative means to obtain the BARs. The attached letter also provides further details regarding the availability of the BARs.

Kind regards,

savannah  
environmental

t: 011 656 3237

f: 086 684 0547

**Nicolene Venter**

Public Process

e: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

c: +27 (0) 60 978 8396

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## Savannah Public Process

---

**From:** Savannah Public Process  
**Sent:** Friday, September 25, 2020 2:05 PM  
**To:** Musa Baloye; niclene@savannahsa.com  
**Cc:** Busang Sethole; Adrian Tiplady; Selaelo Matlhane; Thato Nape; Ronald Baloyi  
**Subject:** RE: GEELSTERT 1 & 2 SOLAR PV FACILITY and GEELSTERT GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment ending soon

Dear Musa,

Thank you, we acknowledge receipt of SARAO's comments on the above-mentioned project.

Kind regards,

---

**From:** Musa Baloye <mbaloye@ska.ac.za>  
**Sent:** Friday, September 25, 2020 1:51 PM  
**To:** niclene@savannahsa.com; Savannah Public Process <publicprocess@savannahsa.com>  
**Cc:** Busang Sethole <bsethole@ska.ac.za>; Adrian Tiplady <atiplady@ska.ac.za>; Selaelo Matlhane <smatlhane@ska.ac.za>; Thato Nape <tnape@ska.ac.za>  
**Subject:** Re: GEELSTERT 1 & 2 SOLAR PV FACILITY and GEELSTERT GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment ending soon

Dear Nicolene

Kindly find the attached response letter from SARAO.

Regards,

----- Forwarded message -----

**From:** Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>  
**Date:** Fri, Sep 18, 2020 at 6:29 PM  
**Subject:** GEELSTERT 1 & 2 SOLAR PV FACILITY and GEELSTERT GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment ending soon  
**To:** Busang Sethole <[bsethole@ska.ac.za](mailto:bsethole@ska.ac.za)>

### **GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION NEAR AGGENEYS, NORTHERN CAPE PROVINCE**

Dear Stakeholder and Interested and Affected Party,

With reference to the attached notification letter sent on Monday, 19 August 2020 attached to the e-mail notification below, this e-mail serves to inform you that the comment period for the

Basic Assessment Report (BAR) is ending on **Wednesday, 16 September 2020**. As you may recall, the review and comment period for the BAR was from Monday, 17 August 2020 to Wednesday, 16 September 2020.

Thank you to those Stakeholders and Interested and Affected Parties who submitted their written comments and those who had not yet submitted written comments, we kindly request that you do so before or on **Wednesday, 16 September 2020**.

Kind regards,

savannah  
environmental

t: 011 656 3237  
f: 086 684 0547

**Nicolene Venter**  
Public Process

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

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--

**Musa Baloye**

**Project Coordinator**

South African Radio Astronomy Observatory (SARAO)

17 Baker Street, Rosebank, Johannesburg, 2196

Email: [mbaloye@ska.ac.za](mailto:mbaloye@ska.ac.za)

Website: [www.ska.ac.za](http://www.ska.ac.za)

## Savannah Public Process

---

**From:** Lisa Opperman  
**Sent:** Tuesday, August 18, 2020 4:55 PM  
**To:** Mark Botha  
**Cc:** Reuben Maroga; Ronald Baloyi; Savannah Public Process; Conrad Geldenhuys; Peter Cloete; Dr Philip Desmet; Jacobus HL. Smit  
**Subject:** RE: Proposed Geelstert PVs & Grid applications: Response to comments submitted

Hi Mark,

Thank you for the feedback and guidance.

We will keep DENC in the loop of any projects within the area.

Kind regards  
Lisa

---

**From:** Mark Botha <mark@ecological.co.za>  
**Sent:** Tuesday, 18 August 2020 16:53  
**To:** Lisa Opperman <lisa.o@savannahsa.com>  
**Cc:** Reuben Maroga <reuben@savannahsa.com>; Ronald Baloyi <Ronald@savannahsa.com>; Savannah Public Process <publicprocess@savannahsa.com>; Conrad Geldenhuys <c.geldenhuys@hotmail.com>; Peter Cloete <peter.denc87@gmail.com>; Dr Philip Desmet <drphil@ecosolgis.com>; Jacobus HL. Smit <JHSmit@vedantaresources.co.za>  
**Subject:** Re: Proposed Geelstert PVs & Grid applications: Response to comments submitted

Hi Lisa

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regards

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084 588 8346  
021 7890684

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I look forward to receiving further feedback from your side.

All parties included in your email below have been copied in this response.

Kind regards

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**Sent:** Tuesday, 18 August 2020 15:19

**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Conrad Geldenhuys <[c.geldenhuys@hotmail.com](mailto:c.geldenhuys@hotmail.com)>; Peter Cloete <[peter.denc87@gmail.com](mailto:peter.denc87@gmail.com)>; Dr Philip Desmet <[drphil@ecosolgis.com](mailto:drphil@ecosolgis.com)>; Jacobus HL. Smit <[JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)>

**Cc:** Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)>; Reuben Maroga <[reuben@savannahsa.com](mailto:reuben@savannahsa.com)>; Ronald Baloyi <[Ronald@savannahsa.com](mailto:Ronald@savannahsa.com)>

**Subject:** Re: Proposed Geelstert PVs & Grid applications: Response to comments submitted

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Your comments have been recorded within the comments and responses reports of the relevant Geelstert Basic Assessment reports. You will be notified of the availability of these Basic Assessment Reports for review in due course. The layout maps which you have requested will be included in the Basic Assessment Reports, as well as the sensitivity maps associated with the areas under consideration for development.

We welcome any further comments or queries you may have on the projects.

Kind Regards,



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

Nicolene Venter

**Public Process**

e: [Publicprocess@savannahsa.com](mailto:Publicprocess@savannahsa.com)  
c: +27 (0)60 978 8396

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

---

**From:** Savannah Public Process

**Sent:** Friday, August 14, 2020 3:04 PM

**To:** 'Mark Botha' <[mark@ecological.co.za](mailto:mark@ecological.co.za)>; Dr Philip Desmet <[drphil@ecosolgis.com](mailto:drphil@ecosolgis.com)>; Kerry Purnell <[kerry@wfa.africa](mailto:kerry@wfa.africa)>; Ben-Jon Dreyer <[ben-jon@wfa.africa](mailto:ben-jon@wfa.africa)>; Pieter David Venter <[PieterDavidVenter@blackmountain.co.za](mailto:PieterDavidVenter@blackmountain.co.za)>; Jacobus HL. Smit <[JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)>; Elsabe Swart <[elsabe.dtec@gmail.com](mailto:elsabe.dtec@gmail.com)>; Peter Cloete <[peter.denc87@gmail.com](mailto:peter.denc87@gmail.com)>; Conrad Geldenhuys <[c.geldenhuys@hotmail.com](mailto:c.geldenhuys@hotmail.com)>; Muhammad Essop <[MEssop@environment.gov.za](mailto:MEssop@environment.gov.za)>

**Cc:** Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)>; Reuben Maroga <[reuben@savannahsa.com](mailto:reuben@savannahsa.com)>; Ronald Baloyi <[Ronald@savannahsa.com](mailto:Ronald@savannahsa.com)>

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In instances where parties copied in this email have received the process notification for the projects they have already been registered as part of the project databases. We welcome any other parties to raise their interest in the projects or request to be registered on the project database, including those cc'ed in the email.

We acknowledge your comments raised in the email below pertaining to the projects, as well as the request for specific project information. Kindly note that the information requested and a response to your comments will be provided in due course.

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**Sent:** Wednesday, August 12, 2020 10:24 AM  
**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Dr Philip Desmet <[drphil@ecosolgis.com](mailto:drphil@ecosolgis.com)>; Kerry Purnell <[kerry@wfa.africa](mailto:kerry@wfa.africa)>; Ben-Jon Dreyer <[ben-jon@wfa.africa](mailto:ben-jon@wfa.africa)>; Pieter David Venter <[PieterDavidVenter@blackmountain.co.za](mailto:PieterDavidVenter@blackmountain.co.za)>; Jacobus HL. Smit <[JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)>; Elsabe Swart <[elsabe.dtec@gmail.com](mailto:elsabe.dtec@gmail.com)>; Peter Cloete <[peter.denc87@gmail.com](mailto:peter.denc87@gmail.com)>; Conrad Geldenhuys <[c.geldenhuys@hotmail.com](mailto:c.geldenhuys@hotmail.com)>; Muhammad Essop <[MEssop@environment.gov.za](mailto:MEssop@environment.gov.za)>  
**Subject:** Proposed Geelstert PV application - Farms Bloemhoek, Aggeneys

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***Conservation Strategy, Tactics and Insight***

*Pr.Sci.Nat*



*“If we have decided what the answers cannot be - or what answers we could not cope with - then there seems little point, beyond a fondness for the truth, in asking the questions” - D Murray*

## Savannah Public Process

---

**From:** Jacobus Smit <JHSmit@vedantaresources.co.za>  
**Sent:** Tuesday, August 18, 2020 5:20 PM  
**To:** Lisa Opperman; Mark Botha  
**Cc:** Reuben Maroga; Ronald Baloyi; Savannah Public Process; Conrad Geldenhuys; Peter Cloete; Dr Philip Desmet  
**Subject:** RE: Proposed Geelstert PVs & Grid applications: Response to comments submitted

Thank you Mark and Lisa.

We acknowledge communication, request and information provided.

Will revert back soonest.

Kind regards

**Jacobus Hendrik Louw Smit** | Tel: +27 54 983 8623 | Mobile: +27 72 289 8560 | Email: [JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)

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**Sent:** Tuesday, 18 August 2020 4:55 PM  
**To:** Mark Botha <mark@ecological.co.za>  
**Cc:** Reuben Maroga <reuben@savannahsa.com>; Ronald Baloyi <Ronald@savannahsa.com>; Savannah Public Process <publicprocess@savannahsa.com>; Conrad Geldenhuys <c.geldenhuys@hotmail.com>; Peter Cloete <peter.denc87@gmail.com>; Dr Philip Desmet <drphil@ecosolgis.com>; Jacobus Smit <JHSmit@vedantaresources.co.za>  
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**CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

---

Hi Mark,

Thank you for the feedback and guidance.

We will keep DENC in the loop of any projects within the area.

Kind regards

Lisa

---

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**Cc:** Lisa Opperman <[lisa.o@savannahsa.com](mailto:lisa.o@savannahsa.com)>; Reuben Maroga <[reuben@savannahsa.com](mailto:reuben@savannahsa.com)>; Ronald Baloyi <[Ronald@savannahsa.com](mailto:Ronald@savannahsa.com)>

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**savannah**  
environmental

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**Sent:** Wednesday, August 12, 2020 10:24 AM

**To:** Savannah Public Process <[publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)>; Dr Philip Desmet <[drphil@ecosolgis.com](mailto:drphil@ecosolgis.com)>; Kerry Purnell <[kerry@wfa.africa](mailto:kerry@wfa.africa)>; Ben-Jon Dreyer <[ben-jon@wfa.africa](mailto:ben-jon@wfa.africa)>; Pieter David Venter <[PieterDavidVenter@blackmountain.co.za](mailto:PieterDavidVenter@blackmountain.co.za)>; Jacobus HL. Smit <[JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)>; Elsabe Swart <[elsabe.dtec@gmail.com](mailto:elsabe.dtec@gmail.com)>; Peter Cloete <[peter.denc87@gmail.com](mailto:peter.denc87@gmail.com)>; Conrad Geldenhuys <[c.geldenhuys@hotmail.com](mailto:c.geldenhuys@hotmail.com)>; Muhammad Essop <[MEssop@environment.gov.za](mailto:MEssop@environment.gov.za)>

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I urge your client to engage frankly with the various regulators and landowners in this region prior to committing further to this process, and also to undertake a grid connection and capacity study upfront to determine whether additional connections can be accommodated (given the large number of existing approved projects).

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## Savannah Public Process

---

**From:** Jacobus Smit <JHSmit@vedantaresources.co.za>  
**Sent:** Thursday, August 13, 2020 6:44 AM  
**To:** Mark Botha; Savannah Public Process; Dr Philip Desmet; Kerry Purnell; Ben-Jon Dreyer; Pieter David Venter; Elsabe Swart; Peter Cloete; Conrad Geldenhuys; Muhammad Essop  
**Subject:** RE: Proposed Geelstert PV application - Farms Bloemhoek, Aggeneys

Mark

Thank you for your mail and including us. BMM have received notification which was submitted to Pieter Venter and will register as I&AP for this process.

Regards

Jacobus Hendrik Louw Smit | Tel: +27 54 983 8623 | Mobile: +27 72 289 8560 | Email: [JHSmit@vedantaresources.co.za](mailto:JHSmit@vedantaresources.co.za)

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**Subject:** Proposed Geelstert PV application - Farms Bloemhoek, Aggeneys

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**Mark Botha**

***Conservation Strategy, Tactics and Insight***

*Pr.Sci.Nat*



*“If we have decided what the answers cannot be - or what answers we could not cope with - then there seems little point, beyond a fondness for the truth, in asking the questions” - D Murray*

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19 August 2020

Dear Stakeholder and Interested and/or Affected Party,

## GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION NEAR AGGENEYS, NORTHERN CAPE PROVINCE

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### NOTICE OF AVAILABILITY OF BASIC ASSESSMENT REPORTS FOR REVIEW AND COMMENTS

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The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

The two solar PV facilities are located on the Remaining Extent of the Farm Bloemhoek 61 and will be connected to the Aggeneis Main Transmission Substation (MTS). The grid connection will include a collector substation and a double-circuit power line of up to 220kV. The grid connection will traverse six (6) properties which include:

Remaining Extent of the Farm Bloemhoek 61	Remaining Extent of the Farm Aggeneys 56
Remaining Extent of Portion 1 of the Farm Aggeneys 56	Portion 2 of the Farm Aggeneys 56
Portion 12 of the Farm Aggeneys 56	Portion 13 of the Farm Aggeneys 56

It is the Developer's intention to bid each solar PV facility under the Department of Mineral Resources and Energy's<sup>1</sup> Renewable Energy Independent Power Producer Procurement (REIPPP) Programme. The power generated from each solar PV facility will be sold to Eskom and fed into the national electricity grid through the proposed grid connection. The development of the solar PV facilities and the grid connection will assist with the achievement of the electricity goals as set out in the Integrated Resources Plan (IRP), 2019.

The study area is located within Zone 8 of the Renewable Energy Development Zones (REDZ) (also known as the Springbok REDZ).

<sup>1</sup> The Department of Mineral Resources and Energy is a merge between the Department of Mineral Resources (DMR) and the Department of Energy (DoE).

The applicant for each of the solar PV facilities will be a separate Special Purpose Vehicles (SPV). The applicant for Geelstert 1 is Geelstert Solar Facility 1 (Pty) Ltd, and the applicant for Geelstert 2 is Geelstert Solar Facility 2 (Pty) Ltd. The applicant for the Geelstert Grid Connection is ABO Wind renewable energies (Pty) Ltd. Three (3) separate Applications for Environmental Authorisation have been submitted to the Department of Environmental Affairs (DEA).

The notification of the development of two 125MW solar photovoltaic (PV) facilities and the associated grid connection distributed on 13 July 2020, has reference. The notification letter was accompanied by the Background Information Document (BID) which provided information regarding these Basic Assessment (BA) processes. If you have not received these documents, please inform us accordingly or we encourage you to visit our online stakeholder engagement platform at <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/> where the public documents for these three (3) projects are available for your perusal.

### **AVAILABILITY OF BASIC ASSESSMENT REPORTS FOR REVIEW AND COMMENT**

As a registered Interested and Affected Party (I&AP), you are hereby notified that the following three Basic Assessment Reports (BARs) are available for your review and comment from **Thursday, 20 August 2020** until **Monday, 21 September 2020**.

<b>Applicant name</b>	<b>Project/BA Report</b>
Geelstert Solar Facility 1 (Pty) Ltd	Geelstert 1
Geelstert Solar Facility 2 (Pty) Ltd	Geelstert 2
ABO Wind renewable energies (Pty) Ltd	Geelstert Grid Connection

The reports are available for downloading from our public participation platform at [www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/](http://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/).

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 BARs available at public places such as libraries and municipal offices. As per our approved public participation plan submitted to the Department of Environmental Affairs (DEA), you can also request that an electronic copy of the BARs be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the BARs by **Monday, 21 September 2020** via our public participation portal (link provided above) or:

- » Telephone: 011 656 3237
- » Mobile: 060 978 8396
- » Fax: 086 684 0547
- » Post: PO Box 148, Sunninghill, 2157
- » E-mail: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

All comments can be addressed to Ronald Baloyi of Savannah Environmental.

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

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](mailto:publicprocess@savannahsa.com)

**Ronald Baloyi**

---

**From:** Public Process <publicprocess@savannahsa.com>  
**Sent:** Wednesday, 19 August 2020 17:28  
**To:** Stanley Tshitwamulomoni  
**Cc:** Nicolene Venter; Ronald Baloyi; Savannah Public Process  
**Subject:** GEELSTERT 1 & 2 and GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment  
**Attachments:** SE2738-Geelstert BARs DEA BioDiv-TSHITWAMULOMONI Stanley.pdf

## **GEELSTERT 1 AND GEELSTERT 2 SOLAR PV FACILITIES AND GEELSTERT GRID CONNECTION NEAR AGGENEYS, NORTHERN CAPE PROVINCE**

Dear Mr Tshitwamulomoni,

The development of two separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW, and associated grid connection is proposed on a site located approximately 11km south-east of the town of Aggeneys in the Northern Cape Province. The two solar PV facilities are to be known as Geelstert 1 and Geelstert 2. The grid connection solution will be known as Geelstert Grid Connection. The projects are situated within the Khâi-Ma Local Municipality, in the greater Namakwa District Municipality.

As a registered Interested and Affected Party (I&AP), you are hereby notified that the following three Basic Assessment Reports (BARs) are available for your review and comment from **Thursday, 20 August 2020** until **Monday, 21 September 2020**. The reports are available for download from our website / stakeholder engagement platform on the above-mentioned link.

The restrictions enforced in terms of the 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 BARs at the public places such as Libraries. We invite you to visit our online stakeholder engagement platform at <https://www.savannahsa.com/public-documents/energy-generation/geelstert-1-and-geelstert-2-solar-pv-facilities-and-associated-grid-connection/>

Should you not be able to access our online stakeholder engagement platform to download the BARs, please refer to the attached letter for alternative means to obtain the BARs. The attached letter also provides further details regarding the availability of the BARs.

Kind regards,

## Geelstert 1 and Geelstert 2 Solar PV Facilities, and Geelstert Grid Connection

### Notice of Basic Assessment and Public Participation Process for the Geelstert 1 and Geelstert 2 Solar PV Facilities, and Geelstert Grid Connection near Aggeneys, Northern Cape Province

**Proposed Activity:** The development of two (2) separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 125MW. The facilities will be connected to the Aggeneys MTS via a collector substation and an overhead power line with a capacity of up to 220kV.

**Location:** ~11km south-east of Aggeneys within the Khâi-Ma Local Municipality and the Namakwa District Municipality. The projects fall within the Springbok Renewable Energy Development Zone (or REDZ 8) as well as the Northern Strategic Transmission Corridor.

Applicant:	Project Name:	Affected Property/ies:
Geelstert Solar Facility 1 (Pty) Ltd	Geelstert 1 (solar PV facility)	Remaining Extent of the Farm Bloemhoek 61
Geelstert Solar Facility 2 (Pty) Ltd	Geelstert 2 (solar PV facility)	Remaining Extent of the Farm Bloemhoek 61
ABO Wind renewable energies (Pty) Ltd	Geelstert Grid Connection	Remaining Extent of the Farm Bloemhoek 61 Remaining Extent of the Farm Aggeneys 56  Portion 1 of the Farm Aggeneys 56  Portion 2 of the Farm Aggeneys 56  Portion 12 of the Farm Aggeneys 56  Portion 13 of the Farm Aggeneys 56

The following infrastructure will be developed for the PV facilities and grid connection:

- Solar PV Panels;
- Centralised inverter stations or string inverters;
- Cabling between the panels, to be laid underground where practical;
- Main access roads and internal access roads within the PV panel array areas;
- Temporary laydown areas;
- Operation and Maintenance buildings.
- On-site facility substation;
- A collector substation and an overhead power line to connect the facilities to the Aggeneys Main Transmission Substation (MTS).

**Basic Assessment Process:** 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, and GN R114 (February 2018), a Basic Assessment is required for each Solar PV Facility as well as the Grid Connection. Savannah Environmental is undertaking the required environmental assessment and public participation process for the projects. A separate application for each project has been lodged with the Department of Environmental Affairs (DEA) as the competent authority.

To obtain further information and register on the project database, please submit your name, contact information and interest in the project to:

**Nicolene Venter at Savannah Environmental**  
P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237

Fax: 086 684 0547

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

Website: [www.savannahsa.com](http://www.savannahsa.com)

June 2020

Documents for public review are available for download.

[VIEW DOWNLOAD PAGE](#)

## Geelstert 2

### Downloads

[Basic Assessment Report](#)

[Appendix A - Curriculum Vitae](#)

[Appendix B - Correspondence With Authorities](#)

[Appendix C1 - Public Participation Plan](#)

[Appendix C2 - I&AP Database](#)

[Appendix C3 - Site Notices and Newspaper Advertisement](#)

[Appendix C4 - Background Information Document](#)

[Appendix C5 - Organs of State Correspondence](#)

[Appendix C6 - Interested and Affected Party Correspondence](#)

[Appendix C7 - Comments Received](#)

[Appendix C8 - Minutes of Meetings](#)

[Appendix C9 - Comments and Response Report](#)

[Appendix D - Ecological Impact Assessment](#)

[Appendix E - Avifauna Impact Assessment](#)

[Appendix G - Soils & Agricultural Potential Impact Assessment](#)

[Appendix F - Freshwater Resource Study & Assessment](#)

[Appendix H - Heritage Screening Report](#)

[Appendix I - Visual Impact Assessment](#)

[Appendix J - Social Impact Assessment](#)

[Appendix J\(a\) - Social Impact Assessment Review Letter](#)

[Appendix K - Traffic Impact Assessment Review](#)



Appendix L - Screening Report

Appendix M - Environmental Management Programme

Appendix M (A) - Curriculum Vitae

Appendix M (B) - Grievance Mechanism

Appendix M (C) - Alien Plant & Open Space Management Plan

Appendix M (D) - Plant Rescue & Protection Plan

Appendix M (E) - Re-vegetation & Rehabilitation Plan

Appendix M (F) - Erosion Management Plan

Appendix M (G) - Stormwater Management Plan

Appendix M (H) - Waste Management Plan

Appendix M (I) - Traffic Management Plan

Appendix M (J) - Emergency Preparedness, Response & Fire Management Plan

Appendix M (K) - Key Legislation

Appendix M (L) - Fossil Chance Find Procedure

Appendix M (M) - A3 Maps

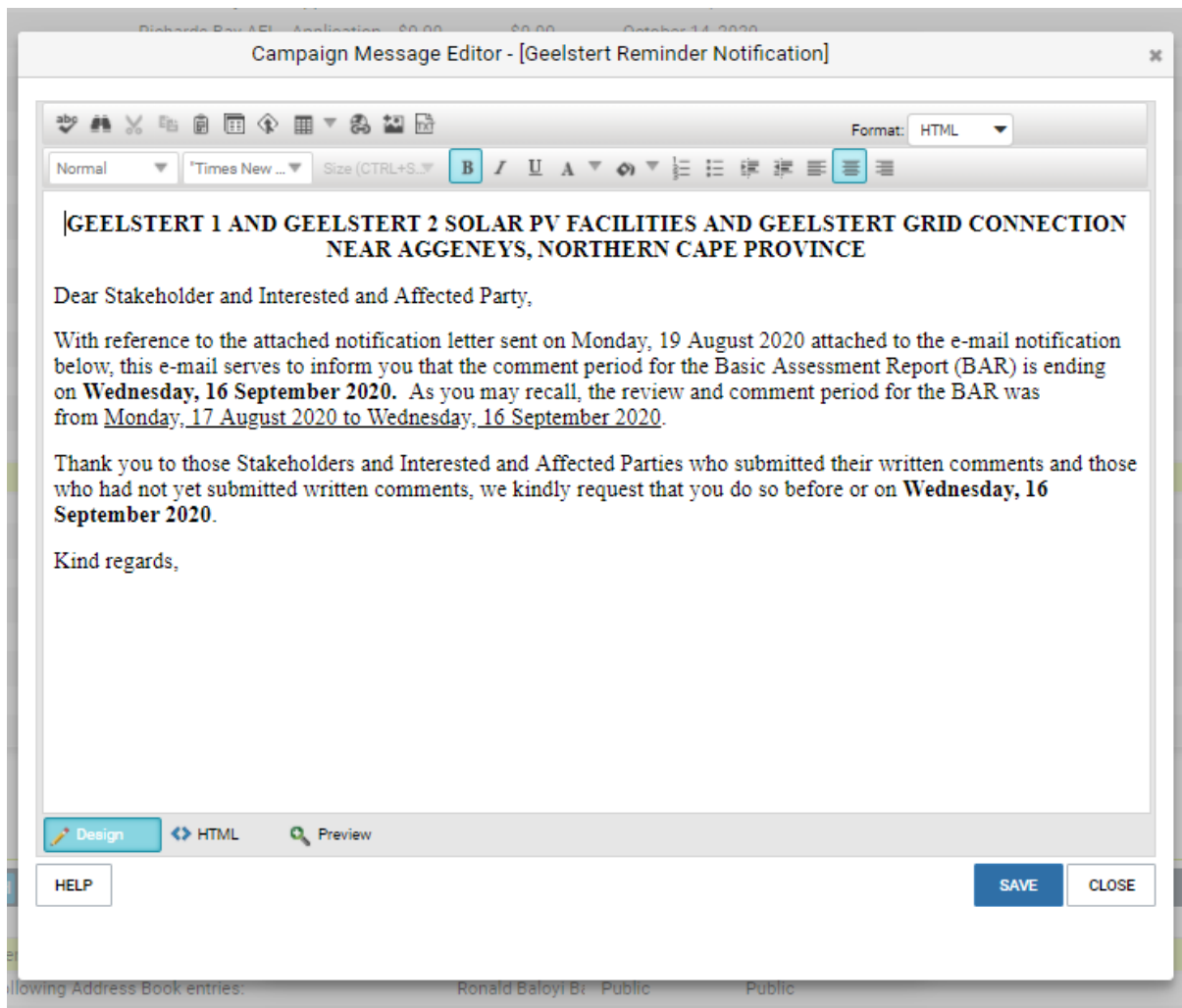
Appendix N - EAP Affirmation & Specialist Declaration

Appendix P - Additional Information

Appendix O - A3 Maps

Reminder Notification

**Proof of email – GEELSTERT 1 & 2 SOLAR PV FACILITY and GEELSTERT GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment ending soon**



[Print](#)

# GEELSTERT 1 & 2 SOLAR PV FACILITY and GEELSTERT GRID CONNECTION: Notification of the Availability of the Basic Assessment for review and comment ending soon

Date:  
Thursday,  
November 5,  
2020  
Time: 10:47  
AM

Company	Last Name	First Name	
	Dawids	Vernon	
	Erasmus	Suzanne	
	Geldenhuis	Alberta	
	Goosen	Scheepers	
	Kennedy	Nols	
	Luttig	Jacob	
	Potgieter	Karen	
	Van der Heever	Daniel	
	Visser	Gerhard	
	Visser	Tertius	
African Farmers Association of South Africa	Mahlati	Vuyo	
Aggeneys Library	Titus	Melissa	
Agri Northern Cape	Jansen	Nicol	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	
AJA Van Niekerk Familie Trust	van Niekerk	Abrie	
BirdLife South Africa	Ralston Paton	Samantha	
Blomhoek Plase (Pty) Ltd	Roux	Albertus	
Blommeland Boerdery	Mostert	Jasper	
Conservation Strategy, Tactics and Insight	Botha	Mark	
Department of Agriculture, Forestry and Fisheries	Buthlezi	Thoko	
Department of Agriculture, Forestry and Fisheries	Mans	Jacoline	
Department of Agriculture, Forestry and Fisheries	Marubini	Mashudu	
Department of Energy	Masipa	Pheladi	
Department of Energy	Qase	Nomawethu	
Department of Environment, Forestry and Fisheries	Lekota	Seoka	
Department of Mineral Resources	Kika	Ntsikelelo	
Department of Mineral Resources	Mabaso	Sunday	
Department of Mineral Resources	Mutheiwana	Kevin	
Department of Mineral Resources	Nieuwoudt	Jasper	
Department of Mineral Resources and Energy	Maphinda	Mthetheleli	
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	
Department of Rural Development and Land Reform	Moeketsi	Kgotso	
Department of Water and Sanitation	Cloete	Shaun	
Department of Water and Sanitation	Kgaphola	Mashudu	
Department of Water and Sanitation	Mahunonyane	Moses	
Department of Water and Sanitation	Masindi	Kenneth	
Department of Water and Sanitation	Mokhoantle	Lerato	
Department of Water and Sanitation	Shibambu	Steven	

Department of Water and Sanitation	Streuders	Kobus	
Department of Water and Sanitation	Van Dyk	Gawie	
Endangered Wildlife Trust	Hoogstad	Constant	
Eskom Holdings SOC Ltd	Geeringh	John	
Eskom Holdings SOC Ltd	Khanye	Nondwe	
Eskom Holdings SOC Ltd	Maake	Ntika	
Eskom Holdings SOC Ltd	van Gensen	Andrea	
Eskom Holdings SOC Ltd	Zwane	Zandile	
G7 Renewable Energies (Pty) Ltd	Fyfe	Veronique	
Kai !Garib Local Municipality	De Waal	Isaak	
Khai-Ma Local Municipality	Aurelia	Jonas	
Khai-Ma Local Municipality	Bezuidenhoudt	Jillian	
Khai-Ma Local Municipality	Green	Alfredo	
Khai-Ma Local Municipality	Isaacs	Obakeng	
Khai-Ma Local Municipality	Van der Merwe	PJ	
Khai-Ma Local Municipality	Van Heerden	Pasqueline	
Khai-Ma Local Municipality	Vries	Edward	
Martiq 1281 cc	Maasdrop	DV & HJ	
Namakwa District Municipality	Fortuin	Chris	
Namakwa District Municipality	Smith	Immanuel	
Namakwa District Municipality	Theron	Hertzog	
National Energy Regulator of South Africa (NERSA)	Gxasheka	Andile	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource Authority)	Ratha	Timothy	
Ngwao-Boswa Ya Kapa Bokone (NCPHRA)	Timothy	Ratha Andrew	
Nkombi Nkombi (Pty) Ltd	Roman	Nolubabalo	
Northern Cape DENC	Cloete	Peter	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	
Northern Cape Department of Environment & Nature Conservation	Swart	Elsabe	
Northern Cape Department of Environment & Nature Conservation	Swart	Eslabe	
Northern Cape Department of Roads & Public Works	Nogwili	Kholikile	
Northern Cape Department of Roads & Public Works	Roelofse	Jaco	
Northern Cape Department of Roads and Public Works	Palm	Ruth	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	De la Fontaine	Samantha	
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	
Red Rocket South Africa (Pty) Ltd	Brambilla	Matteo	
Red Rocket South Africa (Pty) Ltd	Brasington	Janine	
Red Rocket South Africa (Pty) Ltd	Michalowska	Magdalena	
Savannah Environmental (Pty) Ltd	.		
SDN Boerdery	Kennedy	Nols	
Sentech Ltd	Koegelenberg	Johan	
Sentech Ltd	Motlhake	Serame	
South African Astronomical Observatory	Sefako	Ramotholo	
South African Astronomical Observatory	Williams	Ted	
South African Civil Aviation Authority	Stroh	Lizell	
South African Heritage Resources Agency	Higgitt	Natasha	
South African National Defense Force	Zondi	Kebasenosi	
South African National Roads Agency Limited	Abrahams	Nicole	
South African National Roads Agency Limited	De Kock	Rene	
South African National Roads Agency Limited - Western Region	Runkel	Colene	
South African Radio Astronomy Observatory (SARAO)	Sithole	Busang	

South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	
Telkom SA SOC Ltd	Shaw	Leonard	
Transnet SOC Ltd	Mcleod	Dylan	
Van der Merwe - Miller	Van der Merwe	JHB	
Vedanta Resources	Smit	Jacobus	
Vedanta Resources	Venter	Pieter	
Vedanta Resources	Zandberg	Kobus	
ZF MgCawu District Municipality	Lategang	Gilbert	

Totals:

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