

PROCESS ANNOUNCEMENT

11 October 2019

Dear Stakeholder,

BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

KHUNAB SOLAR DEVELOPMENT CONSISTING OF MCTAGGARTS PV1, MCTAGGARTS PV2, MCTAGGARTS PV3 AND KLIP PUNT PV1 AND THE KHUNAB SOLAR GRID CONNECTION, NORTHERN CAPE

NOTICE OF BASIC ASSESSMENT PROCESSES

The development of four (4) separate 75MW solar photovoltaic (PV) facilities and the associated grid connection solution is proposed approximately 20km south-west of Upington in the Northern Cape Province. The four solar PV facilities, known as McTaggart PV1, McTaggart PV2, McTaggart PV3 and Klip Punt PV1, are located to the north of the existing Khi Solar One facility. The grid connection solution to be developed, which will cater for all four solar PV facilities, is known as the Khunab Solar Grid Connection. The facilities are located within the Kai !Garib and the Dawid Kruiper local municipalities of the greater ZF Mgcawu District Municipality.

It is the developer's intention to bid each solar PV facility under the Department of Energy and Mineral Resources Renewable Energy Independent Power Producer Procurement Programme (REIPPPP). The development of the solar PV facilities and the grid connection solution infrastructure will assist in achieving the energy mix as set out in the Integrated Resources Plan (IRP).

The study area is located within Zone 7 of the Renewable Energy Development Zones (REDZ) (also known as the Upington REDZ), and within the Northern Strategic Transmission Corridor.

Each solar PV facility will be constructed as a separate stand-alone project, with a separate project development company (or Special Purpose Vehicle (SPV)) as the applicant for each project. Five separate Applications for Environmental Authorisation will be submitted to DEFF.

The project details for the respective projects are as follows:

Applicant:	Project Name:	Contracted Capacity:	Affected Property:
McTaggarts PV1 (Pty) Ltd	McTaggarts PV1	75MW	Portion 3 of the Farm McTaggarts Camp 453; and Portion 12 of the Farm Klip Punt 452
McTaggarts PV2 (Pty) Ltd	McTaggarts PV2	75MW	Portion 3 of the Farm McTaggarts Camp 453
McTaggarts PV3 (Pty) Ltd	McTaggarts PV3	75MW	Portion 3 of the Farm McTaggarts Camp 453; and Portion 12 of the Farm Klip Punt 452
Klip Punt PV1 (Pty) Ltd	Klip Punt PV1	75MW	Portion 12 of the Farm Klip Punt 452
McTaggarts PV1 (Pty) Ltd	Khunab Solar Grid Connection	Up to 132kV	Portion 3 of the Farm McTaggarts Camp 453; Portion 12 of the Farm Klip Punt 452; and Olyvenhouts Drift Settlement Agricultural Holdings 1080

The development of the solar PV facilities will add new capacity and transmission infrastructure to the national electricity grid network. 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 to the electricity grid;
- » An access road to the project site with a maximum width of 6m;
- » Internal access roads within the PV panel array area with a maximum width of 5m;
- » A temporary laydown area; and
- » Operation and Maintenance buildings including a gate house and security building, control centre, offices, warehouses, a workshop and visitors centre.

The grid connection solution will include specific grid connection infrastructure to cater for the four individual solar PV facilities. The infrastructure to be developed consists of two collector substations, each including a switching station component, and a single-circuit power line of up to 132kV to connect each solar PV facility to the national grid via the existing Upington Main Transmission Substation (MTS). A 300m wide and 13km long grid connection corridor will be assessed for the implementation of the grid connection infrastructure.

Site-specific studies and assessments will be undertaken through the BA processes in order to delineate areas of potential sensitivity within the surrounding areas and the identified broader study area.

BASIC ASSESSMENT PROCESS

As per the Environmental Impact Assessment Regulations, 2014 published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the applicants will require authorisation from the National Department of Environment, Forestry and Fisheries (DEFF) (in consultation with Northern Cape Department of Environment and Nature Conservation (DENC)) for the development of the projects. Due to the location of the broader study area within the REDZ, separate BA processes are required to be undertaken for the McTaggarts PV1, McTaggarts PV2, McTaggarts PV3 and Klip Punt PV1 in accordance with GNR114, as formally gazetted on 16 February 2018. A BA process will also be followed for the grid connection solution as it triggers Listed Activity 11(i) within GN R327 of the EIA Regulations, 2014

(as amended). The applications are required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014, as amended.

The applicant 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 five (5) applications. As part of the environmental studies, I&APs will be actively involved through the public involvement process being undertaken by Savannah Environmental.

The Department and/or organisation/company which you represent has been identified as a commenting authority for the proposed projects. In this regard, please can you provide us with the name and contact details of the relevant Official at your Department / Organisation / Company who we need to liaise with regarding these proposed projects. We believe that it would be the same Official at your Department / Organisation / Company who will be submitting written comments on the Basic Assessment Reports, when available for review and comment, as per the Environmental Impact Assessment Regulations, 2014, as amended, Regulations 3(4) and Regulation 19(1)(a).

A background information document, which provides further information on the BA process as well as the nature and extent of the proposed solar PV facilities and grid connection, is attached to this letter and is also available for download from the Savannah Environmental Website:

- Khunab Solar Developments: (<https://www.savannahsa.com/public-documents/energy-generation/>; and
- Khunab Grid Connection: <https://www.savannahsa.com/public-documents/grid-infrastructure/>).

Should you have an interest in the project, please register yourself as an I&AP 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

Attached: Background Information Document
Registration and Comment Form

Savannah Public Process

From: Savannah Public Process
Sent: Monday, October 14, 2019 11:38 AM
To: Nicolene Venter
Subject: KHUNAB SOLAR DEVELOPMENTS AND GRID CONNECTION: Notification of Basic Assessment Process

Attachments: SE2229 Khunab BAs Reg&CommForm.pdf; SE2229 - Khunab BID Afr_compressed.pdf; SE2229 - Khunab BID Eng_compressed.pdf; SE2229-KhunabBARs-OoSNotification Letter-Final.pdf

Tracking:	Recipient	Read
	Nicolene Venter	

Recipient

Read

**KHUNAB SOLAR DEVELOPMENT CONSISTING OF MCTAGGARTS PV1, MCTAGGARTS PV2, MCTAGGARTS PV3
AND KLIP PUNT PV1
AND THE KHUNAB SOLAR GRID CONNECTION, NORTHERN CAPE**

Dear Stakeholder,

The development of four (4) separate 75MW solar photovoltaic (PV) facilities and the associated grid connection solution is proposed approximately 20km south-west of Upington in the Northern Cape Province. The four solar PV facilities, known as McTaggarts PV1, McTaggarts PV2, McTaggarts PV3 and Klip Punt PV1, are located to the north of the existing Khi Solar One facility. The grid connection solution to be developed, which will cater for all four solar PV

facilities, is known as the Khunab Solar Grid Connection. The facilities are located within the Kai !Garib and the Dawid Kruiper local municipalities of the greater ZF Mgcau District Municipality.

Savannah Environmental has been appointed to undertake the Basic Assessment Process for the above-mentioned projects.

Please refer to the attached Notification letter and Background Information document for further information regarding these projects.

You are kindly requested to complete the attached Registration and Comment Form to formally register as an Interested and Affected Party (I&AP) to receive further information regarding the above-mentioned proposed projects.

Please do not hesitate to contact us if you have any queries in this regard.

Kind Regards,



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

Ronald Baloyi

Public Participation, Co-ordinator and
Administrator

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

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

COMMUNICATION

Northern Cape Department of Environment and Nature
Conservation

Nicolene Venter

Subject: Focus Group Meeting: Khunab Solar Development PVs x 4 (BAs) and Grid Connection Solution
Location: DENC Meeting Room, Upington
Start: Thu 11/28/2019 2:00 PM
End: Thu 11/28/2019 3:30 PM
Show Time As: Tentative
Recurrence: (none)
Meeting Status: Not yet responded
Organizer: Nicolene Venter
Required Attendees: oriba.denc@gmail.com; Lisa Opperman
Optional Attendees: Ronald Baloyi

Dear Ordain,

I believe that Ronald Baloyi contacted you regarding our FGM scheduled for Wednesday, 13 November 2019, that due to unforeseen circumstances the meeting had to be postponed.

Would you please be so kind as to confirm that **Thursday, 28 November 2019** would be a suitable date to hold the FGM.

Looking forward to hear from you.

Kind regards,

Nicolene Venter

Dear Ordain,

Thank you for taking my call this afternoon.

As discussed, we would like to meet with you, as Environmental Officer, Environmental Impact Management, to:

- Present a brief overview of the 4 x Solar Development PVs and Grid Connection Solution; and
- Present a summary of key environmental findings as documented in the BARs; and
- Respond to any questions and/or comments you may have

Ordain, it would also be appreciated if you will extend this invitation to your colleague in the Biodiversity Section, responsible for this study area.

Attached is the Background Information Document providing information on the four (4) Solar Developments and the Grid Connection Solution and I also attached the relevant KMZ files to assist the DENC with the location of the proposed Developments.

Please do not hesitate to contact us should you have any queries.

Looking forward hearing from you.

Dawid Kruiper Local Municipality



Cllr Maasdoro

0766623722



Fri, 18 Oct 2019 10:05

Dear Cllr Maasdorp - thank u for meeting with our social specialist om Wednesday. Cllr wouldbyiu pls be so kind amd book the Kalkslooy community hall for THURSDAY, 14 MOVEMBER 2019 from 17h00 for the Khinab Piblic Meeting. Your confirmation will be appreciatrd as we need to advertise the DATE, TIME & AVENUE, in the newspaper.
Kind regards
Nicolene Venter
Savannah Environmental



Cllr Maasdoro

0766623722



Fri, 08 Nov 2019 08:36

Beste Raadslid Maasdorp - het met Sereze by Soeaker se kantoor gesels. Daar is n Raadsverg die oggend van 28 Nov 2019. Sal u asb si gaaf wees en die Kalksloot Gemeenskaosaal vir die Khunab Sonkragnkntwikkelingsprojek se publieke vergadering gesoreek vir DONDERDAG, 28 NOVEMBER 2019 vanaf 16h00. Die vergadering sal om 17h00 begin. Ons plaas n advertensie in die koerant met bogeneomde datum, tyd en plek. Vriendelike groete

Department of Water and Sanitation

Savannah Public Process

From: Savannah Public Process
Sent: Tuesday, October 15, 2019 5:27 PM
To: 'Ackerman Pieter'
Cc: Reuben Maroga; Ronald Baloyi
Subject: RE: KHUNAB SOLAR DEVELOPMENTS AND GRID CONNECTION: Notification of Basic Assessment Process

Tracking:	Recipient	Delivery
	'Ackerman Pieter'	
	Reuben Maroga	Delivered: 10/15/2019 5:27 PM
	Ronald Baloyi	Delivered: 10/15/2019 5:27 PM

Dear Pieter,

Thank you – I've forwarded your response to the project team.

Kind regards,

Nicolene Venter

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

From: Ackerman Pieter <AckermanP@dws.gov.za>
Sent: Tuesday, October 15, 2019 8:31 AM
To: Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: KHUNAB SOLAR DEVELOPMENTS AND GRID CONNECTION: Notification of Basic Assessment Process

Hi
Water use authorisation required if within regulated area
Regards

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



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



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

Sent: 09 October 2019 07:29 PM

To: nicolene@savannahsa.com; ronald@savannahsa.com

Subject: KHUNAB SOLAR DEVELOPMENTS AND GRID CONNECTION: Notification of Basic Assessment Process

**KHUNAB SOLAR DEVELOPMENT CONSISTING OF MCTAGGARTS PV1, MCTAGGARTS PV2, MCTAGGARTS PV3
AND KLIP PUNT PV1**

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Kind regards,

Nicolene Venter

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NOTIFICATION OF AVAILABILITY OF BASIC ASSESSMENT
REPORT REVIEW & COMMENT PERIOD
(To be included in Final BAR)

BASIC ASSESSMENT REPORT DISTRIBUTED TO COMMENTING
AUTHORITIES / ORGANISATIONS
(Proof of delivery to be included in Final Basic Assessment
Report)

UPLOAD OF BASIC ASSESSMENT REPORT ONTO SAHRIS
(To be included in Final Basic Assessment Report)