

SITE NOTICES

**NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND
PUBLIC PARTICIPATION PROCESS
PROPOSED UPILANGA SOLAR PARK DEVELOPMENT, NORTHERN CAPE PROVINCE**

Applicant: Emvelo Capital Projects (Pty) Ltd.

Proposed Activity: Establishment of the Upington Ilanga Solar Park (Upilanga Solar Park) Development, using concentrating solar generation technology and photovoltaic technology, on sites located approximately 30 km east of Upington within the Dawid Kruiper Local Municipality, which falls under the ZF Mgcawu District in the Northern Cape.

Site reference	Project Name and Description
Site 1	Ilanga PV 1 (1 x 100 MW PV facility)
Site 2	Ilanga PV 2 (1 x 100 MW PV facility)
Site 3	Ilanga PV 3 (1 x 350 MW PV facility)
Site 4	Ilanga PV 4 (1 x 350 MW PV facility)
Site 5	Ilanga PV 5 (1 x 350 MW PV facility)
Site 6	Ilanga PV 6 (1 x 100 MW PV facility)
Site 7	Ilanga PV 7 (1 x 100 MW PV facility)
Site 8	Ilanga PV 8 (1 x 100 MW PV facility)
Site 9	Ilanga PV 9 (1 x 100 MW PV facility)

The facilities will include the following associated infrastructure:

- Arrays of PV solar panels with a contracted capacity of up to 100MW each.
- Mounting structures to support the PV panels (utilising either fixed-tilt / static, single-axis tracking, or double-axis tracking systems).
- On-site inverters (step up facility) to convert power from Direct Current (DC) to an Alternative (AC)
- 11kV/22kV/33kV collector substation to receive, convert and step up electricity from the PV facility to the 132kV Ilanga Substation;
- Underground cables to connect to the on-site substations at authorised sites 1.3 and 1.4 and authorised grid connection to the Ilanga substation for PV facilities located at site 1 and 2.
- Loop in and loop out of the 132kV lines connecting Ilanga Substation to Gordonia Substation or connect to the onsite- collector substation at authorised site 1.3 and 1.4 using underground cables.
- Cabling between the project's components, to be laid underground where practical.
- Water pipeline
- Auxiliary buildings such as offices and workshop areas for maintenance and storage.
- Temporary laydown areas required during construction.
- Internal access roads and perimeter security fencing around the development area

Project Location: The following properties have been identified for the development of the PV Facilities and associated infrastructure:

- Portion RE of Matjesrivier 41;
- Portion 2 of Matjesrivier 41;
- Portion 3 of Matjesrivier 41 and
- Lot 944

Application for Environmental Authorisation: Applications for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and 2014 EIA Regulations (GNR 326) have been submitted for the 100MW Upilanga PV1 & PV2 facilities and associated infrastructure and are supported by basic assessment processes. Stakeholder and I&APs will be notified on the submission of the remaining applications once these proceed.

Public Participation Process: Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant responsible for undertaking the EIA and Public Participation processes in support of these applications for EA. To obtain further information on the project and to register on the project's database, please submit your name, contact information and interest in the project, in writing, to:

Nicolene Venter at Savannah Environmental

P.O. Box 148, Sunninghill, 2157

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July 2020

**KENNISGEWING VAN OMGEWINGSIMPAAKEVALUERING EN
OPENBARE DEELNAMEPROSES
BEOOGDE UPILANGA SONPARKONTWIKKELING, NOORD-KAAPROVINSIE**

Applikant: Emvelo Capital Projects (Edms.) Bpk.

Beoogde aktiwiteit: Die oprigting van die Upington Ilanga Sonparkontwikkeling (Upilanga Sonpark) aan die hand van konsentrerende sonkragopwekkingstechnologie en fotovoltaiiese tegnologie op terreine wat sowat 30 km oos van Upington in die Dawid Kruijer Plaaslike Munisipaliteit, wat onder die ZF Mgcawu-distrik val, in die Noord-Kaap geleë is.

Terreinverwysing	Projeknaam en Beskrywing
Terrein 1	Ilanga FV 1 (1 x 100 MW FV-aanleg)
Terrein 2	Ilanga FV 2 (1 x 100 MW FV-aanleg)
Terrein 3	Ilanga FV 3 (1 x 350 MW FV-aanleg)
Terrein 4	Ilanga FV 4 (1 x 350 MW FV-aanleg)
Terrein 5	Ilanga FV 5 (1 x 350 MW FV-aanleg)
Terrein 6	Ilanga FV 6 (1 x 100 MW FV-aanleg)
Terrein 7	Ilanga FV 7 (1 x 100 MW FV-aanleg)
Terrein 8	Ilanga FV 8 (1 x 100 MW FV-aanleg)
Terrein 9	Ilanga FV 9 (1 x 100 MW FV-aanleg)

Die aanlegte sal die volgende verwante infrastruktuur insluit:

- Reekse FV-sonpanele met 'n gekontrakteerde vermoë van hoogstens 100 MW elk.
- Monteerstrukture om die FV-panele te dra (aan die hand van hetsy vastehoek-/stilstaande, enkelas- of dubbelasnaaspoorstelsels).
- Interne wisselrigters (verhogingsaanleg) om die krag van 'n gelykstroom (GS) om te sit in 'n wisselstroom (WS).
- 11 kV/22 kV/33 kV kollektorsubstasie om elektrisiteit van die FV-aanleg af te ontvang, dit om te sit en te verhoog tot by die 132 kV Ilanga Substasie.
- Ondergrondse kables om die interne substasies te verbind met gemagtigde terrein 1.3 en 1.4 en gemagtigde roosterkonneksie tot by die Ilanga Substasie vir FV-aanlegte wat by terrein 1 en 2 geleë is.
- In- en uitlus van die 132 kV kraglyne wat die Ilanga Substasie met die Gordonia Substasie of met die interne kollektorsubstasie by gemagtigde terrein 1.3 en 1.4 aan die hand van ondergrondse kables verbind.
- Kables tussen die projek se komponente, wat ondergronds gelê moet word waar dit prakties moontlik is.
- 'n Waterpylyn.
- Bygeboue, soos kantore en werkswinkelgebiede, vir instandhouding en berging.
- Tydelike stapelwerfgebiede wat tydens oprigting benodig word.
- Interne toegangspaaie en 'n sekerheidsheining om die ontwikkelingsgebied se grense.

Projekligging: Die volgende eiendomme is vir die ontwikkeling van die FV-aanlegte en verwante infrastruktuur geïdentifiseer:

- Restant van Matjesrivier 41;
- Gedeelte 2 van Matjesrivier 41;
- Gedeelte 3 van Matjesrivier 41; en
- Perseel 944.

Aansoek om Omgewingsmagtiging: Aansoeke om Omgewingsmagtiging (OM) ingevolge die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) (NEMA) en OIE-regulasies, 2014 (Staatskennisgewing R326) is ingedien vir die 100 MW Upilanga FV 1- en FV 2-aanleg en verwante infrastruktuur, welke aansoeke deur basiese evalueringprosesse gestaaf word. Belanghebbers en B&GP's sal in kennis gestel word van die indiening van die oorblywende aansoeke sodra dit verwerk is.

Openbare Deelnameproses: Savannah Environmental (Edms.) Bpk. is aangestel as die onafhanklike omgewingskonsultant wat verantwoordelik is vir die onderneming van die OIE- en Openbare Deelnameproses ter staving van hierdie aansoeke om OM. Om meer inligting te bekom en om op die projek se databasis te registreer, verstrek asseblief u naam, kontakbesonderhede en belang by die projek skriftelik aan:

Nicolene Venter by Savannah Environmental

Posbus 148, Sunninghill, 2157

Tel: 011 656 3237

Faks: 086 684 0547

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Webwerf: www.savannahsa.com

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Julie 2020

PROOF OF SITE NOTICES (Date placed: 16th and 17 July 2020)



Figure 1: Site Notice placed at the boundary fences of Portion 3 of the Farm Matjesrivier 41.

Co-ordinates: 28°31'6.72"S, 21°31'28.28"E



Figure 2: Site Notice placed on the boundary fence of Lot 944

Co-ordinates: 28°31'6.72"S, 21°31'28.28"E



Figure 3: Site Notice placed along N10 and unnamed tarred access road to the site

Co-ordinates: 28°24'23.12"S, 21°28'51.59"E



Figure 4: Site Notice placed along N10 and unnamed tarred access road to the site

Co-ordinates: 28°24'23.12"S, 21°28'51.59"E

PROCESS NOTICES



Figure 3: Site Notice placed at the Dawid Kruiper Municipality notice boards

Co-ordinates: 28°27'24.21"S, 21°14'45.41"E



Figure 4: Process notices placed at local petrol filling station (Leerkrans General Dealers)

ADVERTISEMENT

KENNISGEWING VAN BASIESE EVALUERING EN OPENBARE DEELNAMEPROSES

UPILENGA FV 1 EN UPILENGA FV 2 EN VERWANTE INFRASTRUKTUUR, NOORD-KAAP

Beoogde aktiwiteit: Die ontwikkeling van twee (2) aparte fotovoltaiiese (FV) sonkragaanlegte, en verwante infrastruktuur, elk met 'n gekontrakteerde vermoë van hoogstens 100 MW.

Ligging: ~30 km suidoos van Upington in die Dawid Kruiper Plaaslike Munisipaliteit en die ZF Mgcawu Distriksmunisipaliteit. Die projekte val in die Upington Hernubare Kragontwikkelingsone (of REDZ 7).

Applikant:	Projeknaam:	Geaffekteerde Eiendom:
Emvelo Capital Projects (Edms.) Bpk.	Upilanga FV 1	Gedeelte 3 van die plaas Matjesrivier 41 Perseel 944
Emvelo Capital Projects (Edms.) Bpk.	Upilanga FV 2	Perseel 944

Die Upilanga FV 1- en Upilanga FV 2-aanleg sal elk uit die volgende belangrike infrastruktuur en komponente bestaan:

- » Reekse FV-sonkragpanele met 'n gekontrakteerde vermoë van hoogstens 100 MW.
- » Monteerstrukture om die FV-panele te dra (aan die hand van hetsy vastehoek-/stilstaande, enkelas- of dubbelasnaaspoorstelsels).
- » Interne wisselrigters (verhogingsaanleg) om die krag van 'n gelykstroom (GS) om te sit is 'n wisselstroom (WS).
- » Roosteralternatiewe wat van ondergrondse kables gebruik maak om die interne substasies met gemagtigde terrein 1.3 en 1.4 en gemagtigde roosterkonneksie tot by die Ilanga Substasie vir FV-aanlegte wat by terrein 1 en 2 geleë is, te verbind.
- » Kables tussen die projek se komponente, wat ondergronds gelê moet word waar dit prakties moontlik is.
- » Bygeboue, soos kantore en werkswinkelgebiede vir instandhouding en berging.
- » Tydelike stapelwerfgebiede wat tydens oprigting benodig word.
- » Interne toegangspaaie en 'n sekerheidsheining om die ontwikkelingsgebied se grense.

Basiese Evalueringproses: Ingevolge Artikel 24 en 24D van die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998), saamgelees met Staatskennisgewing R324 tot R327, soos gewysig, en Staatskennisgewing R114 (Februarie 2018), moet 'n Basiese Evaluering vir elke FV-sonkragaanleg onderneem word. Savannah Environmental onderneem die nodige omgewingsevaluering en openbare deelnameproses vir elk van die projekte. 'n Aparte aansoek vir elke projek is ingedien by die Departement van Omgewingsake (DO).

Basiese Evalueringverslae beskikbaar vir oorsig en kommentaar: Die BE-verslae is beskikbaar om van Savannah Environmental se webwerf afgelaai te word vir oorsig en kommentaar by: <https://www.savannahsa.com/public-documents/energy-generation/>

Die 30-dae insae- en kommentaartydperk van die BE-verslae is vanaf **Maandag, 3 Augustus 2020** tot **Vrydag, 4 September 2020**. Die laaste datum om kommentaar in te dien, is **Vrydag, 4 September 2020**.

Ten einde meer inligting te bekom en om op die projek se databasis te registreer, verstrek asseblief u naam, kontakbesonderhede en belang by die projek aan die kontakpersoon hieronder.

Nicolene Venter by Savannah Environmental

Posbus 148, Sunninghill, 2157

Tel: 011 656 3237

Selfoon: 060 978 8396 (stuur boodskap of bel)

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LIVE READ / RADIO ADVERT

To all community members. A Public Participation Process is being undertaken by Savannah Environmental for the Upilanga PV1 and PV2 projects. These projects are located south-east of Upington, just off the N10 and south of the Ilanga CSP One facility. The project involves separate 100MW solar PV projects and associated infrastructure. A basic assessment report for each project is available for your review and comment. You can download these from the Savannah Environmental website, at savannahsa.com under the Public Documents page.

A 30-day review and comment period for the reports has started and ends on **Friday, 04 September 2020**.

To obtain further information and register on the project database, please send your name, contact information and interest in the project to Nicolene Venter or Ronald Baloyi at Savannah Environmental. Call or message us on 011 656 3237, or on the mobile number 060 978 8396. Or send an e-mail to publicprocess@savannahsa.com.



SAVANNAH ENVIRONMENTAL ADVERTISING SCHEDULE ON RADIO RIVERSIDE

DURATION: 03 AUGUST 2020 - 03 SEPTEMBER 2020

SPOTS: 12

DATE	PROGRAM	TIMESLOT
MON: 03 AUG 2020	ROAD 326	ONCE BET'N 16H00 : 17H00
	DIE WAGHOND	ONCE BET'N 20H00 : 21H00
THUR: 13 AUG 2020	THE STANDARD BANK BIG BREAKFAST TAKE OVER	ONCE BET'N 06H00 : 10H00
	DIE DIKSTEM	ONCE BET'N 12H00 : 15H00
THUR: 20 AUG 2020	IDOLOPHANA YA SEAFRIKA	ONCE BET'N 09H00 : 12H00
	ROAD 326	ONCE BET'N 15H00 : 16H00
THUR: 27 AUG 2020	THE CATALOGUE OF THE HEART	ONCE BET'N 21H00 : 22H00
	ROAD 326	ONCE BET'N 16H00 : 17H00
MON: 31 AUG 2020	DIE WAGHOND	ONCE BET'N 20H00 : 21H00
	THE CATALOGUE OF THE HEART	ONCE BET'N 21H00 : 22H00
THUR: 03 SEPT 2020	STANDARD BANK BIG BREAKFAST TAKE OVER	ONCE BET'N 07H00 : 08H00
	IDOLOPHANA YA SEAFRIKA	ONCE BET'N 10H00 : 11H00

**JUDY-ANN ROOI
SALES EXECUTIVE**

Revised Basic Assessment Report

NOTICE OF BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

UPILENGA PV1 AND UPILENGA PV2 AND ASSOCIATED INFRASTRUCTURE, NORTHERN CAPE

Proposed Activity: The development of two (2) separate solar photovoltaic (PV) facilities and associated infrastructure, each with a contracted capacity of up to 100MW.

Location: ~30km south-east of Upington within the Dawid Kruiper Local Municipality and the ZF Mgcawu District Municipality. The projects fall within the Upington Renewable Energy Development Zone (or REDZ 7).

Applicant:	Project Name:	Affected Property:
Emvelo Capital Projects (Pty) Ltd	Upilanga PV1	Portion 3 of the Farm Matjesrivier 41; and Lot 944
Emvelo Capital Projects (Pty) Ltd	Upilanga PV2	Lot 944

The Upilanga PV1 and Upilanga PV2 facilities will each comprise of the following key infrastructure and components:

- » Arrays of PV solar panels with a contracted capacity of up to 100MW.
- » Mounting structures to support the PV panels (utilising either fixed-tilt / static, single-axis tracking, or double-axis tracking systems).
- » On-site inverters (step up facility) to convert power from Direct Current (DC) to an Alternative (AC)
- » Grid alternatives using underground cables to connect to the on-site substations at authorised sites 1.3 and 1.4 and authorised grid connection to the Ilanga substation for PV facilities located at site 1 and 2.
- » Cabling between the project's components, to be laid underground where practical.
- » Auxiliary buildings such as offices and workshop areas for maintenance and storage.
- » Temporary laydown areas required during construction.
- » Internal access roads and perimeter security fencing around the development area

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. Savannah Environmental is undertaking the required environmental assessment and public participation process for each project. A separate application for each project has been lodged with the Department of Environment, Forestry and Fisheries (DEFF).

Revised Basic Assessment Reports available for review & comment: Savannah Environmental has compiled revised basic assessment reports to address comments received during the review period for the BA Report undertaken in August 2020. The revised basic assessment reports, including revised Environmental Management Programmes (EMPrs) for Upilanga PV1 & PV2 are available for download, review and comment on the Savannah Environmental website at: <https://www.savannahsa.com/public-documents/energy-generation/>.

The 30-day review and comment period of the BA Reports is from, **Wednesday, 11 November 2020** until **Friday, 11 December 2020**. The final date to submit comments is, **Friday, 11 December 2020**.

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

Nicolene Venter at Savannah Environmental

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Website: www.savannahsa.com

TEARSHEET

(to be included in Final Basic Assessment Report)