

**NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENTS AND PUBLIC PARTICIPATION  
PROCESSES FOR THE DEVELOPMENT OF FOUR 100MW PV PROJECTS NEAR  
UPINGTON IN THE NORTHERN CAPE:  
ALLEPAD PV ONE, ALLEPAD PV TWO, ALLEPAD PV THREE, AND ALLEPAD PV FOUR**

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**Project Names:** Allepad PV One, Allepad PV Two, Allepad PV Three, and Allepad PV Four

**Applicant:** ILEnergy Development (Pty) Ltd

**Proposed Activity:** The development of four 100MW Photovoltaic (PV) facilities and associated infrastructure, including the following infrastructure:

- » Arrays of PV panels with a generation capacity of up to 100MW.
- » Mounting structures to support the PV panels.
- » Combiner boxes, on-site inverters (to convert the power from Direct Current (DC) to Alternating Current (AC)), and power transformers.
- » A 132kV on-site substation up to 1ha in extent to facilitate the connection between the solar energy facility and the Eskom electricity grid.
- » A new 132kV power line approximately 5km in length, between the on-site substation and Eskom grid connection point.
- » Cabling between the project's components (to be laid underground where practical).
- » Meteorological measurement station.
- » Energy storage area of up to 2ha in extent.
- » Access road and internal access road network.
- » On-site buildings and structures, including a control building and office, ablutions and guard house.
- » Perimeter security fencing, access gates and lighting.
- » Temporary construction equipment camp up to 1ha in extent, including temporary site offices, parking and chemical ablution facilities.
- » Temporary laydown area up to 1ha in extent, for the storage of materials during the construction.

**Project Location:** The site is located approximately 11km north-west of Upington, in the Northern Cape, with the following properties identified for the development of the four PV facilities, and the supporting grid connection infrastructure:

**PV facilities:**

- » Remaining Extent of Erf 5315 Upington

**Grid connection:**

- » Remaining Extent of Erf 5315 Upington
- » Erf 01 Upington

**Application for Environmental Authorisation:** Separate applications for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and 2014 EIA Regulations (GNR 326) are being undertaken for the projects. Each application is being supported by a separate Scoping and Environmental Impact Assessment (EIA) process.

**Scoping Report Available for Review:** Scoping Reports are available for review and comment. The reports can be viewed at the Dawid Kruiper Public Library (corner of Mark Street and Mutual Street, Upington), from **12 October 2018 – 12 November 2018**. The reports are also available for download on [www.savannahsa.com](http://www.savannahsa.com). The due date for written comment is **Monday, 12 November 2018**. To obtain further information and register on the project database and submit comment of the Scoping Report, please submit your name, contact information and interest in the projects to:

**Rozanne Els of Savannah Environmental**

Post: P.O. Box 148, Sunninghill, 2157

Johannesburg

Tel: 011 656 3237

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

The logo for Savannah Environmental features the word "savannah" in a lowercase, sans-serif font. The letter "a" is stylized with a red vertical bar through its center. Below "savannah" is the word "environmental" in a smaller, lowercase, sans-serif font.

# KENNISGEWING VAN OMGEWINGSIMPAKEVALUERING EN OPENBARE DEELNAMEPROSES VIR DIE ONTWIKKELING VAN VIER 100 MW FV-PROJEKTE NABY UPINGTON IN DIE NOORD-KAAP: ALLEPAD FV-EEN, ALLEPAD FV-TWEE, ALLEPAD FV-DRIE EN ALLEPAD FV-VIER

**Projekname:** Allepad FV-Een, Allepad FV-Twee, Allepad FV-Drie en Allepad FV-Vier

**Projekaplikant:** ILEnergy Development (Edms.) Bpk.

**Beoogde Aktiwiteit:** Die ontwikkeling van vier 100 MW Fotovoltaiëse (FV) aanlegte en gepaardgaande infrastruktuur. Elk van die FV-aanlegte sal uit die volgende vernaamste infrastruktuurkomponente bestaan:

- » Reekse FV-panele met 'n opwekkingsvermoë van hoogstens 100 MW.
- » Monteerstrukture om die FV-panele te dra.
- » Kombineerderkaste, interne wisselrigters (om die krag om te sit van gelykstroom (GS) na wisselstroom (WS)) en kragtransformators.
- » 'n 132 kV Interne substasie van hoogstens 1 ha in omvang om die konneksie tussen die sonkragaanleg en Eskom se kragnet te bewerkstellig.
- » 'n Nuwe 132 kV kraglyn oor sowat 5 km tussen die interne substasie en Eskom se roosterkonneksiepunt.
- » Kables tussen die projek se komponente (ondergronds gelê waar prakties moontlik).
- » 'n Meteorologiese meetstasie.
- » 'n Kragbergingsgebied van hoogstens 2 ha in omvang.
- » 'n Toegangspad en interne toegangspadnetwerk.
- » Interne geboue en strukture, insluitend 'n beheergebou en kantoor, ablusiegeriewe en 'n waghuis.
- » 'n Sekerheidsgrensheining, toegangshekke en beligting.
- » 'n Tydelike konstruksietoerustingkamp van hoogstens 1 ha in omvang, wat tydelike terreinkantore, parkeerplek en chemiese ablusiegeriewe insluit.
- » 'n Tydelike stapelwerfgebied van hoogstens 1 ha in omvang vir die berging van materiale tydens die konstruksie.

**Projekligging:** Die terrein is sowat 11 km noordwes van Upington in die Noord-Kaap geleë, met die volgende eiendomme wat geïdentifiseer is vir die ontwikkeling van die vier FV-aanlegte, en die ondersteunende roosterkonneksie-infrastruktuur:

**FV-aanlegte:**

- » Restant van Erf 5315 Upington

**Roosterkonneksie:**

- » Restant van Erf 5315 Upington
- » Erf 01 Upington

**Aansoek om Omgewingsmagtiging:** Afsonderlike aansoeke om Omgewingsmagtiging (OM) vir die projekte word onderneem ingevolge die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) (NEMA) en die 2014 OIE-regulasies (Staatskennisgewing R326). Elke aansoek om OM word gestaaf deur 'n volledige Bestekopname- en OIE-proses.

**Konsep Bestekopnameverslag Beskikbaar Vir Besigtiging:** Konsep Bestekopnameverslae is beskikbaar gestel vir openbare besigtiging en kommentaar. Die verslae sal vanaf **12 Oktober 2018 – 12 November 2018** by die Dawid Kruiper Openbare Biblioteek (hoek van Markstraat en Mutualstraat, Upington) beskikbaar gestel word. Die verslae kan ook afgelaai word by [www.savannahSA.com](http://www.savannahSA.com). Die sperdatum vir skriftelike kommentaar is **Maandag, 12 November 2018**. Ten einde meer inligting te bekom en om op die projek se databasis te registreer en kommentaar op die verslae te lewer, verstrek asseblief u naam, kontakbesonderhede en belang by die projekte aan:

**Rozanne Els van Savannah Environmental**

Posbus 148, Sunninghill, 2157

Johannesburg

Tel: 011 656 3237

Faks: 086 684 0547

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

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# NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE ALLEPAD PV FOUR PV FACILITY AND ASSOCIATED INFRASTRUCTURE, NORTHERN CAPE PROVINCE

**Project Name:** Allepad PV Four

**Applicant:** Allepad Solar Four

**Proposed Activity:** The development of a 100MW Photovoltaic (PV) facility and associated infrastructure, including the following infrastructure:

- » Arrays of PV panels with a generation capacity of up to 100MW.
- » Mounting structures to support the PV panels.
- » Combiner boxes, on-site inverters (to convert the power from Direct Current (DC) to Alternating Current (AC)), and power transformers.
- » An on-site substation up to 1ha in extent to facilitate the connection between the solar energy facility and the Eskom electricity grid.
- » A new 132kV power line approximately 5km in length, between the on-site substation and Eskom grid connection point.
- » Cabling between the project's components (to be laid underground where practical).
- » Meteorological measurement station.
- » Energy storage area of up to 2ha in extent.
- » Access road and internal access road network.
- » On-site buildings and structures, including a control building and office, ablutions and guard house.
- » Perimeter security fencing, access gates and lighting.
- » Temporary construction equipment camp up to 1ha in extent, including temporary site offices, parking and chemical ablution facilities.
- » Temporary laydown area up to 1ha in extent, for the storage of materials during the construction.

**Project Location:** The site is located approximately 11km north-west of Upington, in the Northern Cape, with the following properties identified for the development of Allepad PV Four, and the supporting grid connection infrastructure:

PV facility:

- » Remaining Extent of Erf 5315 of Upington

Grid connection:

- » Remaining Extent of Erf 5315 of Upington
- » Erf 01 of Upington

**Application for Environmental Authorisation:** An application for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and 2014 EIA Regulations (GNR 326) is being undertaken for the project. The application for EA is being supported by a full Scoping and EIA process.

**Public Participation Process:** Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultants responsible for undertaking the EIA and Public Participation process in support of the application 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 Savannah Environmental:

**Rozanne Els of Savannah Environmental**

Post: P.O. Box 148, Sunninghill, 2157

Johannesburg

Tel: 011 656 3237

Fax: 086 684 0547

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

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

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# KENNISGEWING VAN OMGEWINGSIMPAKEVALUERING EN OPENBARE DEELNAMEPROSES VIR DIE ALLEPAD FV-VIER FV-AANLEG EN GEPAARDGAANDE INFRASTRUKTUUR, NOORD-KAAPROVINSIE

**Projeknaam:** Allepad FV-Vier

**Applikant:** Allepad Solar Four

**Beoogde Aktiwiteit:** Die ontwikkeling van 'n 100 MW Fotovoltaiëse (FV) aanleg en gepaardgaande infrastruktuur, insluitende die volgende infrastruktuur:

- » Reekse FV-panele met 'n opwekkingsvermoë van hoogstens 100 MW.
- » Monteerstrukture om die FV-panele te dra.
- » Kombineerderkaste, interne wisselrigters (om die krag van gelykstroom (GS) om te sit in wisselstroom (WS)) en kragtransformators.
- » 'n Interne substasie van hoogstens 1 hektaar in omvang om die konneksie tussen die sonkragaanleg en Eskom se kragnet te bewerkstellig.
- » 'n Nuwe 132 kV kraglyn oor sowat 5 km tussen die interne substasie en Eskom se roosterkonneksiepunt.
- » Kables tussen die projek se komponente (om ondergronds te lê waar dit prakties moontlik is).
- » 'n Meteorologiese meetstasie.
- » Kragbergingsgebied van hoogstens 2 hektaar in omvang.
- » 'n Toegangspad en interne toegangspadnetwerk.
- » Interne geboue en strukture, insluitende 'n beheergebou en kantoor, ablusiegeriewe en 'n waghuis.
- » 'n Sekerheidsgrensheining, toegangshekke en beligting.
- » Tydelike konstruksietoerustingkamp van hoogstens 1 ha in omvang, insluitende tydelike terreinkantore, parkeerplek en chemiese ablusiegeriewe.
- » 'n Tydelike stapelwerfgebied van hoogstens 1 ha in omvang vir die berging van materiale tydens konstruksie.

**Projekligging:** Die terrein is sowat 11 km noordwes van Upington in die Noord-Kaap geleë, met die volgende eiendom wat geïdentifiseer is vir die ontwikkeling van Allepad FV-Vier, en die ondersteunende roosterkonneksie-infrastruktuur:

**FV-aanleg:**

- » Restant van Erf 5315 van Upington

**Roosterkonneksie:**

- » Restant van Erf 5315 van Upington
- » Erf 01 van Upington

**Aansoek om Omgewingsmagtiging:** 'n Aansoek om Omgewingsmagtiging (OM) vir die projek word onderneem ingevolge die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) (NEMA) en die 2014 OIE-regulasies (Staatskennisgewing R326). Die aansoek om OM word gestaaf deur 'n volledige Bestekopname- en OIE-proses.

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

**Rozanne Els** van Savannah Environmental

Posadres: Posbus 148, Sunninghill, 2157

Johannesburg

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**Proof of Site Notices (placed 18 September 2018)**

Remaining Extent of Erf 5315 Upington – Allepad PV Four and Grid Connection Infrastructure



**Figure 1: Photos of site notices on the boundary of the Remaining Extent of Erf 5315 Upington (28° 24' 19.58" S and 21° 08' 07.85" E).**

Erf 01 Upington – Grid Connection Infrastructure



Figure 2: Photos of site notices on the boundary of Erf 01 Upington (28° 24' 52.96" S, 21° 14' 55.16" E).