

# APPENDIX E

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## PUBLIC PARTICIPATION – ANNOUNCEMENT PHASE

## **APPENDIX E1: Newspaper Notice and Email Proof**

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# Soms is jou tyd die kosbaarste geskenk wat jy vir iemand kan gee

Liezl Scheepers

Ngwathe uitvoerende burgemeester, rdl. Victoria de Beer, het verlede week harte aangeraak toe sy ‘n besoek aan gestremde kinders van die Tumahole Selfhelp Association for the Disabled gebring het. Sy het tyd saam met hulle spandeer en diep in die harte van hierdie kinders gekruip.

Daarna het sy ook die middag ‘n verrassingsbesoek gebring aan Epilepsie SA se Vrystaat/Noordwes-sentrum in Parys waar vrywilligers uit die gemeenskap elke week ‘n uurlange kunsklas aanbied vir inwoners van dié sentrum. Vir hierdie inwoners is die kunsklas baie nodige terapie. Maar dit gaan oor meer as terapie.

Dit gaan oor mense se uitreik na ander. Mense wat hul tyd en omgee gee. Die materiaal vir die kunsklasse kom meestal uit hierdie vrywilligers se eie sakke, of word geskenk deur mense uit die gemeenskap. Victoria het saam met die vrywilligers tyd by elkeen van hierdie inwoners spandeer. Dankie vir soveel omgee, want soms is jou tyd die kosbaarste geskenk wat jy vir iemand kan gee. As jy enige bydrae tot die kunsklasse wil maak met byvoorbeeld knope of lint, wol, stukkie karton, lap, verf of gom wat jy nie meer gebruik nie, of dalk self betrokke wil raak as vrywilliger vir net een uur op ‘n Donderdagmiddag wanneer jy kan, skakel Angelique by 082 564 6172.



# Imbizo addresses domestic violence, illegal dog hunting and stock theft

Liezl Scheepers

Heilbron – Members of Heilbron SAPS Social Crime Prevention, in partnership with the Community Police Forum (CPF), held an imbizo in the town on Thursday, 24 March. Numerous problematic crimes were addressed during the imbizo, Capt. Malebo Khosana, the SAPS spokesperson in the Fezile Dabi District said.

The social crime prevention coordinator, Sgt Sibongile Molapisi, with the intern, Nthabiseng Thapedi, addressed a crowd of about 70 community members who attended the imbizo in Sector 5 in Moheropa. They discussed domestic violence-related issues, burglary at residential premises, stock theft and illegal hunting.

Sgt Molapisi implored community members to have healthy relationships with their family members and love affairs, to avoid domestic violence-related incidences like rape, assault, malicious damage to property, etc. According to her, in some instances, alcohol abuse contributes to these crimes.

Furthermore, the issues of stock theft and illegal hunting with dogs were highlighted. The imbizo condemned stock theft as it destroys the rural economy. Livestock farming employs and

maintains food security for the people of Heilbron and beyond, she said. “Illegal hunting, on the other hand, is a threat to the existence of wildlife as hunters carelessly kill wild animals,” said Sgt Molapisi. She also pointed out that trespass cases are reported as the illegal hunters do not request permission to hunt on private land. On burglary at premises, she advised community members to watch each others’ property in the absence of the other. “They must also report any suspicious person in their neighbourhood so the police can attend and proactively deal with would-be criminals, concluded Molapisi. The CPF chairperson, Mr Tshepo Mazibuko, recruited community members to form part of the CPF. He emphasised the importance of the role they will play in curbing crime in their immediate environment for their own safety.



Sgt Sibongile Molapisi addressing community members in Heilbron. Photo: Supplied

**KENNISGEWINGS • NOTICES**

IN THE ESTATE OF THE LATE SUSANNA JOHANNA KEMP, IDENTITY NUMBER 401008 0009 08 2, WIDOW, BORN ON THE 8<sup>TH</sup> OCTOBER 1940 AND WHO DIED ON THE 4<sup>TH</sup> OCTOBER 2021, OF 17 THIRD AVE, PARYS, 9585.

ESTATE NUMBER: 001320/2022

ALL PERSONS HAVING CLAIMS AGAINST THE ABOVE ESTATE ARE HEREBY CALLED UPON TO LODGE THEIR CLAIMS WITH THE UNDER-MENTIONED WITHIN A PERIOD OF 30 (THIRTY) DAYS FROM THE 1<sup>ST</sup> APRIL 2022.

DATED AT PARYS ON THE 23<sup>RD</sup> DAY OF MARCH 2022.

**COETZEES ING**  
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**KENNISGEWINGS • NOTICES**

**NOTICE OF ENVIRONMENTAL ASSESSMENTS**  
**PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE**

NOTICE IS HEREBY GIVEN IN TERMS OF THE FOLLOWING:

- THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS OF 2014 (AS AMENDED), IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (ACT NO. 107 OF 1998) (NEMA); AND
- THE NATIONAL WATER ACT (ACT NO. 36 OF 1998) (NWA).

**PROJECT OVERVIEW:**  
GENESIS ECO-ENERGY DEVELOPMENTS (PTY) LTD (THE APPLICANT) HAS PROPOSED THE DEVELOPMENT OF THE PARYS 360MW SOLAR PV PROJECT NEAR THE TOWN OF PARYS, WITHIN THE NGWATHE LOCAL MUNICIPALITY AND FEZILE DABI DISTRICT MUNICIPALITY IN THE FREE STATE PROVINCE. THE PROPOSED PV SITE IS LOCATED ON THE REMAINDER OF THE FARM LEEUWKUIL 76.

THE ASSOCIATED INFRASTRUCTURE INCLUDES ACCESS ROADS, OVERHEAD POWER LINE, ON-SITE SUBSTATION AND ON-SITE BUILDINGS AND STRUCTURES (AMONGST OTHERS). THE ELECTRICITY GENERATED BY THE PROPOSED PROJECT WILL BE INJECTED INTO THE EXISTING ESKOM 132 KV DISTRIBUTION SYSTEM.

THE APPLICANT INTENDS TO BID FOR RENEWABLE ENERGY INDEPENDENT POWER PRODUCER PROCUREMENT PROGRAMME (REIPPPP) BID WINDOWS AND /OR OTHER RENEWABLE ENERGY MARKETS WITHIN SOUTH AFRICA.

**ENVIRONMENTAL ASSESSMENTS:**  
NEMAI GREEN WAS APPOINTED BY THE APPLICANT AS THE ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) TO UNDERTAKE THE FOLLOWING ENVIRONMENTAL PROCESSES FOR THE PROPOSED PROJECT: 1. A SCOPING AND ENVIRONMENTAL IMPACT REPORTING PROCESS IN TERMS OF THE EIA REGULATIONS OF 2014 (AS AMENDED) TO SEEK ENVIRONMENTAL AUTHORISATION FOR THE PROJECT IN TERMS OF THE NEMA, WHERE THE MANDATED AUTHORITY IS THE DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT (DFFE); AND 2. A WATER USE LICENCE APPLICATION (WULA) IN TERMS OF THE NWA FOR WATER USES ASSOCIATED WITH THE PROJECT, WHERE THE MANDATED AUTHORITY IS THE DEPARTMENT OF WATER AND SANITATION (DWS).

**REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:**  
IN ORDER TO ENSURE THAT YOU ARE REGISTERED AS AN INTERESTED AND AFFECTED PARTY, PLEASE SUBMIT YOUR NAME, CONTACT INFORMATION AND INTEREST IN THE PROPOSED PROJECT TO THE CONTACT PERSON BELOW BY 5 MAY 2022.

**CONTACT DETAILS OF EAP:**

CONTACT PERSON: DONAVAN HENNING  
TEL: (011) 781 1730  
FAX: (011) 781 1731  
EMAIL: [donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)  
POSTAL ADDRESS: PO BOX 1673, SUNNINGHILL, 2157

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**KENNISGEWINGS • NOTICES**

**KENNISGEWINGS • NOTICES**

**KENNISGEWING VAN OMGEWINGSBEPALINGS**

**VOORGESTELDE PARYS 360MW FOTOVOLTAÏESE (FV) SONKRAG PROJEK NABY PARYS, VRYSTAAT PROVINSIE**

HIERDIE KENNISGEWING WORD GEGEE KRAGTENS DIE VOLGENDE:

- DIE OMGEWINGSIMPAKBEPALINGSREGULASIES VAN 2014 (SOOS GEWYSIG), KRAGTENS DIE WET OP NASIONALE OMGEWINGSBESTUUR (WET NR. 107 VAN 1998) (HIERNA NEMA); EN
- DIE NASIONALE WATERWET (WET NR. 36 VAN 1998) (HIERNA NWA).

**PROJEKOORSIG:**  
GENESIS ECO-ENERGY DEVELOPMENTS (EDMS) BPK (DIE AANSOEKER) STEL VOOR OM DIE PARYS 360MW FOTOVOLTAÏESE (FV) SONKRAG AANLEG NABY PARYS, IN DIE NGWATHE PLAASLIKE MUNISIPALITEIT EN FEZILE DABI-DISTRIKSMUNISIPALITEIT, IN DIE VRYSTAAT PROVINSIE OP TE RIG. DIE VOORGESTELDE TERREIN IS GELEë OP DIE RESTANT VAN DIE PLAAS LEEUWKUIL 76.

VERWANTE INFRASTRUKTUUR SLUIT TOEGANGSPAARIE, OORHOOFSE KRAGLYN, TERREIN SUBSTASIE, INTERNE GEBOUE EN STRUKTURE, ENS. IN. KRAG WAT DEUR DIE VOORGESTELDE PROJEK OPGEWEK GAAN WORD SAL AAN ESKOM SE BESTAANDE 132KV DISTRIBUSIESTELSELS TOEGEVOER WORD.

DIE AANSOEKER BEPLAN OM AAN DIE BODPROSESSE VIR DIE VERKRYGINGSPROGRAM VIR ONAFHANKLIKE KRAGVOORSIENERS IN HERNUBARE ENERGIE (REIPPPP) DEEL TE NEEM, SOWEL AS OM ANDER HERNUBARE ENERGIE-MARKTE IN SUID AFRIKA IN AG TE NEEM.

**OMGEWINGSBEPALINGS:**  
NEMAI GREEN IS DEUR DIE AANSOEKER AS DIE OMGEWINGSBEPALINGSPRAKTISYN AANGESTEL OM DIE VOLGENDE OMGEWINGSBEPALINGS VIR DIE VOORGESTELDE PROJEK UIT TE VOER: 1. OMVANGSBEPALING EN OMGEWINGSIMPAKRAPPORTERINGSPROSES INGEVOLGE DIE OMGEWINGSIMPAKBEPALINGSREGULASIES VAN 2014 (SOOS GEWYSIG) OM VIR OMGEWINGSMAGTIGING AANSOEK TO DOEN, KRAGTENS NEMA. DIE DEPARTEMENT VAN BOSBOU, VISSERIE EN DIE OMGEWING (DFFE) IS DIE BEVOEGDE OWERHEID MET BETREKKING TOT DIE AANSOEK; EN 2. LISENSIE-AANSOEK VIR WATERGEBRUIK (WULA) INGEVOLGE DIE NWA. DIE DEPARTEMENT VAN WATER EN SANITASIE (DWS) IS DIE BEVOEGDE OWERHEID MET BETREKKING TOT DIE WULA.

**REGISTRASIE AS BELANGHEBBENDE EN GEAFFEKTEERDE PARTY**  
TEN EINDE TE VERSEKER DAT U GEREIGISTREER WORD AS ‘n BELANGHEBBENDE EN GEAFFEKTEERDE PARTY, STUUR ASSEBLIEF U NAAM, KONTAKBESONDERHEDE EN BELANGE IN DIE PROJEK AAN DIE ONDERSTAANDE KONTAKPERSOON TEEN 5 MEI 2022.

**KONTAKBESONDERHEDE VAN OMGEWINGBEPALINGSPRAKTISYN:**

KONTAKPERSOON: DONAVAN HENNING  
TEL: (011) 781 1730  
FAKS: (011) 781 1731  
E-POS: [donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)  
POSADRES: POSBUS 1673, SUNNINGHILL, 2157


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**KENNISGEWINGS • NOTICES**





## Announcement: Proposed Parys 360MW Solar PV Project, Free State

**Donavan Henning**  
To  
Bcc

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⋮

Thu 31-Mar-22 4:48 PM

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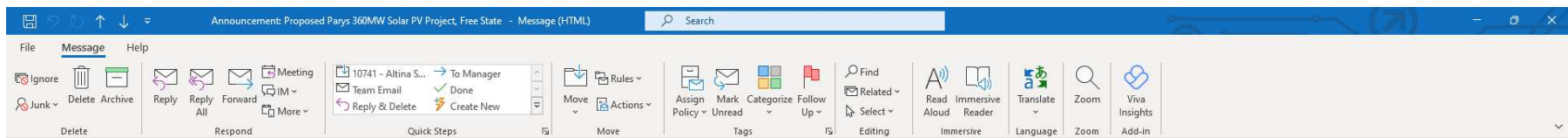
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NOTICE OF ENVIRONMENTAL ASSESSMENTS	KENNISGEWING VAN OMGEWINGSBEPALINGS
<b>PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE</b>	<b>VOORGESTELDE PARYS 360MW FOTOVOLTAÏSE (FV) SONKRAG PROJÊK NABY PARYS, VRYSTAAT PROVINSE</b>
<p>Notice is hereby given in terms of the following:</p> <ul style="list-style-type: none"><li>The Environmental Impact Assessment (EIA) Regulations of 2014 (as amended), in terms of the National Environmental Management Act (Act No. 107 of 1998) (NEMA); and</li><li>The National Water Act (Act No. 36 of 1998) (NWA).</li></ul> <p><b>PROJECT OVERVIEW:</b></p> <p>Please refer to the attached Background Information Document.</p> <p>Genesis Eco-Energy Developments (Pty) Ltd (the Applicant) has proposed the development of the Parys 360MW Solar PV Project near the town of Parys, within the Ngwathe Local Municipality and Fezile Dabi District Municipality in the Free State Province. The proposed PV Site is located on the Remainder of the Farm Leneuwkui 76.</p> <p>The associated infrastructure includes access roads, overhead power line, on-site substation and on-site buildings and structures (amongst others). The electricity generated by the proposed Project will be injected into the existing Eskom 132 kV distribution system.</p> <p>The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and for other renewable energy markets within South Africa.</p> <p><b>ENVIRONMENTAL ASSESSMENTS:</b></p> <p>Nemai Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes for the proposed Project:</p> <ol style="list-style-type: none"><li>A Scoping and Environmental Impact Reporting Process in terms of the EIA Regulations of 2014 (as amended) to seek Environmental Authorisation for the Project in terms of the NEMA, where the mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE); and</li><li>A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).</li></ol> <p><b>REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:</b></p> <p>In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by <b>5 May 2022</b>. You are welcome to use the attached Reply Form for this purpose.</p> <p><b>CONTACT DETAILS OF EAP:</b></p> <p>Contact Person: <b>Donavan Henning</b> Tel: (011) 781 1730 Fax: (011) 781 1731 Email: <a href="mailto:donavonh@nemai.co.za">donavonh@nemai.co.za</a> Postal Address: PO Box 1673, Sunninghill, 2157</p>	<p>Hierdie kennisgewing word gegee kragtens die volgende:</p> <ul style="list-style-type: none"><li>Die Omgewingsimpakbepalingsregulasies van 2014 (soos gewysig), kragtens die Wet op Nasionale Omgewingsbestuur (Wet Nr. 107 van 1998) (hierna NEMA); en</li><li>Die Nasionale Waterwet (Wet Nr. 36 van 1998) (hierna NWA).</li></ul> <p><b>PROJEOORSIG:</b></p> <p>Verreys sub. na die aangehegte Agtergrondliggingdokument.</p> <p>Genesis Eco-Energy Developments (Edms) Bpk (die Aansoeker) stel voor om die Parys 360MW Fotovoltaïese (FV) Sonkrag Aanleg naby Parys, in die Ngwathe Plaaslike Munisipaliteit en Fezile Dabi-distriksmunisipaliteit, in die Vrystaat Provinsie op te rig. Die voorgestelde terrein is geleë op die Resant van die Plas Leneuwkui 76.</p> <p>Verwante infrastruktuur sluit toegangspaaie, oorhoofse kraglyn, terrein substatie, interne geboue en strukture, ens. in. Krag wat deur die voorgestelde Projek opgewek word sal aan Eskom se bestaande 132kV distribusiestelsel toegevoer word.</p> <p>Die Aansoeker beplan om aan die bodprosesse vir die verkrygingsprogram vir onafhanklike kragvoorsieners in hernubare energie (REIPPPP) deel te neem, sowel as om ander hernubare energie-markte in Suid Afrika in ag te neem.</p> <p><b>OMGEWINGSBEPALINGS:</b></p> <p>Nemai Green is deur die Aansoeker as die omgewingsbepalingspraktisyn aangestel om die volgende omgewingsbepalings vir die voorgestelde projek uit te voer:</p> <ol style="list-style-type: none"><li>Omgewingsbepaling en Omgewingsimpakrapporteringproses ingevolge die Omgewingsimpakbepalingsregulasies van 2014 (soos gewysig) om vir Omgewingsmagtiging aansoek te doen, kragtens NEMA. Die Departement van Bosbou, Visserie en die Omgewing (DFFE) is die bevoegde owerheid met betrekking tot die aansoek; en</li><li>Lisensie-aansoek vir watergebruik (WULA) ingevolge die NWA. Die Departement van Water en Sanitatie (DWS) is die bevoegde owerheid met betrekking tot die WULA.</li></ol> <p><b>REGISTRASIE AS BELANGHEBBENDE EN GEAFFEKTERDE PARTY</b></p> <p>Ten einde te verseker dat u geregistreer word as 'n Belanghebbende en Geaffekteerde Party, stuur asseblief u naam, kontakbesonderhede en belangte in die projek aan die onderstaande kontakpersoon teen <b>5 Mei 2022</b>. Die aangehegte Terugvoeringsvorm kan hiervoor benut word.</p> <p><b>KONTAKBESONDERHEDE VAN OMGEWINGSBEPALINGS-PRAKTYSTYN:</b></p> <p>Kontakpersoon: <b>Donavan Henning</b> Tel: (011) 781 1730 Faks: (011) 781 1731 E-pos: <a href="mailto:donavonh@nemai.co.za">donavonh@nemai.co.za</a> Posadres: Posbus 1673, Sunninghill, 2157</p>

**NEMAI GREEN**







## Announcement: Proposed Parys 360MW Solar PV Project, Free State

**Donavan Henning**  
To  
Bcc [Donavan Henning](#); ['lindim@feziledabi.gov.za'](#); ['thomasn@feziledabi.gov.za'](#); ['mammy@feziledabi.gov.za'](#); ['nonhlanhlab@feziledabi.gov.za'](#); ['matsepelat@feziledabi.gov.za'](#); ['tlalim@feziledabi.gov.za'](#); ['jordaann@ngwathe.co.za'](#); ['thami.malunga1@gmail.com'](#); ['ppnhapo53@gmail.com'](#); ['dcosadmin@ngwathe.co.za'](#); ['mbuyiselotyumbu@gmail.com'](#)

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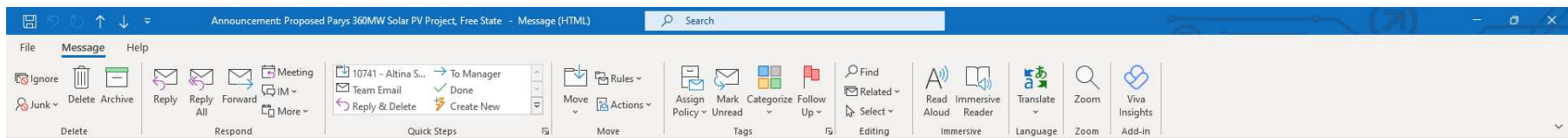
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The electricity generated by the proposed Project will be injected into the existing Eskom 132 kV distribution system.</p> <p>The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and for other renewable energy markets within South Africa.</p> <p><b>ENVIRONMENTAL ASSESSMENTS:</b> Nemai Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes for the proposed Project:</p> <ol style="list-style-type: none"><li>A Scoping and Environmental Impact Reporting Process in terms of the EIA Regulations of 2014 (as amended) to seek Environmental Authorisation for the Project in terms of the NEMA, where the mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE); and</li><li>A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).</li></ol> <p><b>REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:</b> In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by <b>5 May 2022</b>. You are welcome to use the attached Reply Form for this purpose.</p> <p><b>CONTACT DETAILS OF EAP:</b></p> <p>Contact Person: <b>Donavan Henning</b> Tel: (011) 781 1730 Fax: (011) 781 1731 Email: <a href="mailto:donavanh@nemai.co.za">donavanh@nemai.co.za</a> Postal Address: PO Box 1673, Sunninghill, 2157</p>	<p>Hierdie kennisgewing word gegee kragtens die volgende:</p> <ul style="list-style-type: none"><li>Die Omgewingsimpakbepalingsregulasies van 2014 (soos gewysig), kragtens die Wet op Nasionale Omgewingsbestuur (Wet Nr. 107 van 1998) (hierna NEMA); en</li><li>Die Nasionale Waterwet (Wet Nr. 36 van 1998) (hierna NWA).</li></ul> <p><b>PROJEOORSIG:</b> Verreys ab. na die aangehegte Agtergrondliggingdokument.</p> <p>Genesis Eco-Energy Developments (Edms) Bpk (die Aansoeker) stel voor om die Parys 360MW Fotovoltaïese (FV) Sonkrag Aanleg naby Parys, in die Ngwathe Plaaslike Munisipaliteit en Fezile Dabi-distrikmunisipaliteit, in die Vrystaat Provinsie op te rig. 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Die Departement van Bosbou, Visserye en die Omgewing (DFFE) is die bevoegde owerheid met betrekking tot die aansoek; en</li><li>Lisensie-aansoek vir watergebruik (WULA) ingevolge die NWA. Die Departement van Water en Sanitasie (DWS) is die bevoegde owerheid met betrekking tot die WULA.</li></ol> <p><b>REGISTRASIE AS BELANGHEBBENDE EN GEAFFEKTERDE PARTY</b> Ten einde te verseker dat u geregistreer word as 'n Belanghebbende en Geaffekteerde Party, stuur asseblief u naam, kontakbesonderhede en belange in die projek aan die onderstaande kontakpersoon teen <b>5 Mei 2022</b>. Die aangehegte Terugvoeringsvorm kan hiervoor benut word.</p> <p><b>KONTAKBESONDERHEDE VAN OMGEWINGBEPALINGSPRAKTYSTY:</b></p> <p>Kontakpersoon: <b>Donavan Henning</b> Tel: (011) 781 1730 Faks: (011) 781 1731 E-pos: <a href="mailto:donavanh@nemai.co.za">donavanh@nemai.co.za</a> Posadres: Posbus 1673, Sunninghill, 2157</p>

**NEMAI GREEN**  
Environmental Solutions for a Sustainable Future





## Announcement: Proposed Parys 360MW Solar PV Project, Free State

**Donovan Henning**  
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NOTICE OF ENVIRONMENTAL ASSESSMENTS	KENNISGEWING VAN OMGEWINGSBEPALINGS
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The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within South Africa.  <b>ENVIRONMENTAL ASSESSMENTS</b> Nemai Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes for the proposed Project: <ol style="list-style-type: none"><li>A Scoping and Environmental Impact Reporting Process in terms of the EIA Regulations of 2014 (as amended) to seek Environmental Authorisation for the Project in terms of the NEMA, where the mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE); and</li><li>A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).</li></ol> <b>REGISTRATION AS AN INTERESTED AND AFFECTED PARTY</b> In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by <b>5 May 2022</b> . You are welcome to use the attached Reply Form for this purpose.  <b>CONTACT DETAILS OF EAP:</b>  Contact Person: <b>Donovan Henning</b> Tel: (011) 781 1730 Fax: (011) 781 1731 Email: <a href="mailto:donovanh@nemai.co.za">donovanh@nemai.co.za</a> Postal Address: PO Box 1673, Sunninghill, 2157	<b>VOORGESTELDE PARYS 360MW FOTOVOLTAÏSE (PV) SONKRAG PROEJ NABY PARYS, VRYSTAAT PROVINSE</b>  Hierdie kennisgewing word gegene kragtens die volgende: <ul style="list-style-type: none"><li>Die Omgewingsimpakbeoordelingsregulasies van 2014 (soos gewysig), kragtens die Wet op Nasionale Omgewingsbestuur (Wet Nr. 107 van 1998) (hierna NEMA); en</li><li>Die Nasionale Waterwet (Wet Nr. 36 van 1998) (hierna NWA).</li></ul> <b>PROEKOORSIG:</b> Verwys s.b. na die aangehegte Agtergrondinligtingsdokument.  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Announcement: Proposed Parys 360MW Solar PV Project, Free State

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Donavan Henning

To

Bcc

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10742-20220331-Terugvoeringsvorm.pdf

Donavan Henning;

mkhosana@detea.fs.gov.za;

collinsn@detea.fs.gov.za;

masoetsad@detea.fs.gov.za;

khunongd@detea.fs.gov.za;

mselo@detea.gov.za;

mokoena@detea.fs.gov.za;

WARMSFreeState@dws.gov.za;

blairv@dws.gov.za;

NtitiT@dws.gov.za;

groblerw@dws.gov.za;

Nelg@dws.gov.za;

FortuinB@dws.gov.za;

mdhludis@dws.gov.za;

mfingwanax@dws.gov.za;

Khwinanap@dws.gov.za;

Kalipa.kewuti@dmre.gov.za;

Cedrick.fhedzisani@dmre.gov.za;

Ndielehile.Zindela@dmre.gov.za;

reshoketswe.ramaboea@dmre.gov.za;

Mamokete.mpatane@dmre.gov.za;

naude@freetrans.gov.za;

teboho.mmile@gmail.com;

tsotsotsom@freetrans.gov.za;

vanwykw@freetrans.gov.za;

mareeh@freetrans.gov.za;

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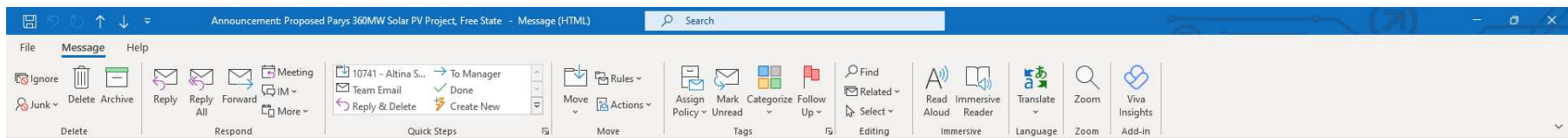
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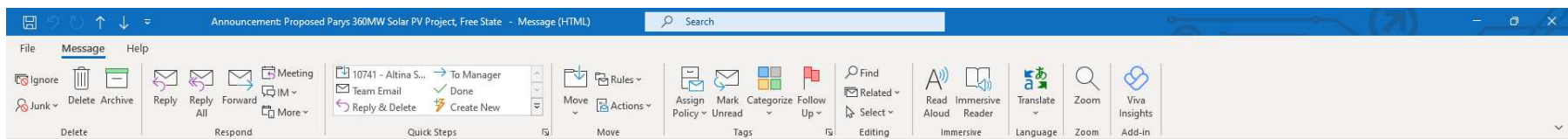
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## Announcement: Proposed Parys 360MW Solar PV Project, Free State



Donavan Henning

To

Bcc Donovan Henning; edenvale.parys@gmail.com; flappie.parys@gmail.com; brakdam@parys.co.za; diamant@lantic.net; cecilestrong@gmail.com; sheriff.balju@gmail.com; kaven.chetty@genesis-eco.com

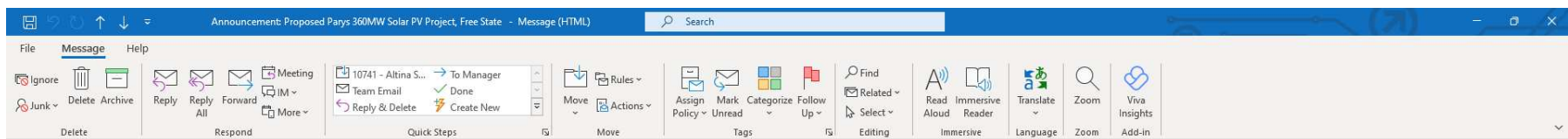


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Die voorgestelde terrein is geleë op die Restant van die Plas Leeuwkuil 76.</p> <p>Verwante infrastruktuur sluit toegangspaaie, oorhoofse kraglyn, terrein subtasie, interne geboue en strukture, ens. in. Krag wat deur die voorgestelde Projek oggewek gaan word sal aan Eskom se bestaande 132kV distribusiestelsel toegevoer word.</p> <p>Die Aansoeker beplan om aan die bodprosesse vir die verkrygingsprogram vir onafhanklike kragvoorsiensiers in hernubare energie (REIPPPP) deel te neem, sowel as om ander hernubare energie-markte in Suid Afrika in ag te neem.</p> <p><b>OMGEWINGSBEPALINGS:</b></p> <p>Nemai Green is deur die Aansoeker as die omgewingsbepalingspraktisyn aangestel om die volgende omgewingsbepalings vir die voorgestelde projek uit te voer:</p> <ol style="list-style-type: none"><li>Omgewingsbepaling en Omgewingsimpakrapporteringproses ingevolge die Omgewingsimpakbepalingsregulasies van 2014 (soos gewysig) om vir Omgewingsnagtinging aansoek te doen, kragtens NEMA. Die Departement van Bosbou, Visserye en die Omgewing (DFFE) is die bevoegde owerheid met betrekking tot die aansoek; en</li><li>Lisensie-aansoek vir watergebruik (WULA) ingevolge die NWA. Die Departement van Water en Sanitasie (DWS) is die bevoegde owerheid met betrekking tot die WULA.</li></ol> <p><b>REGISTRASIE AS BELANGHEBBENDE EN GEAFFEKTEERDE PARTY</b></p> <p>Ten einde te verseker dat u geregistreer word as 'n Belanghebbende en Geaffekteerde Party, stuur asseblief u naam, kontakbesonderhede en belangte in die projek aan die onderstaande kontakpersoon teen <u>5 Mei 2022</u>. Die aangehegte Terugvoersvorm kan hiervoor benut word.</p> <p><b>KONTAKBESONDERHEDEN VAN OMGEWINGSBEPALINGSPRAKTYK:</b></p> <p>Kontakpersoon: <i>Donovan Henning</i> Tel: (011) 781 1730 Faks: (011) 781 1731 E-pos: <a href="mailto:donovan@nemai.co.za">donovan@nemai.co.za</a> Posadres: <i>Postbus 1673, Sunninghill, 2157</i></p>

**NEMAI GREEN**  
Environmental Solutions for a Sustainable Future





## Announcement: Proposed Parys 360MW Solar PV Project, Free State

**Donavan Henning**  
To  
Bcc

↩ Reply

↩ Reply All

➡ Forward

⋮

Thu 31-Mar-22 4:54 PM

📎 10742-20220331-Parys Solar PV Project BID.pdf  
2 MB

📎 10742-20220331-Reply Form.pdf  
73 KB

📎 10742-20220331-Terugvoeringsvorm.pdf  
73 KB

NOTICE OF ENVIRONMENTAL ASSESSMENTS	KENNISGEWING VAN OMGEWINGSBEPALINGS
<b>PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE</b>	<b>VOORGESTELDE PARYS 360MW FOTOVOLTAÏSE (FV) SONKRAG PROJÊK NABY PARYS, VRYSTAAT PROVINSE</b>
<p>Notice is hereby given in terms of the following:</p> <ul style="list-style-type: none"><li>The Environmental Impact Assessment (EIA) Regulations of 2014 (as amended), in terms of the National Environmental Management Act (Act No. 107 of 1998) (NEMA); and</li><li>The National Water Act (Act No. 36 of 1998) (NWA).</li></ul> <p><b>PROJECT OVERVIEW:</b></p> <p>Please refer to the attached Background Information Document.</p> <p>Genesis Eco-Energy Developments (Pty) Ltd (the Applicant) has proposed the development of the Parys 360MW Solar PV Project near the town of Parys, within the Ngwathe Local Municipality and Fesile Dabi District Municipality in the Free State Province. The proposed PV Site is located on the Remainder of the Farm Leuswaku 76.</p> <p>The associated infrastructure includes access roads, overhead power line, on-site substation and on-site buildings and structures (amongst others). The electricity generated by the proposed Project will be injected into the existing Eskom 132 kV distribution system.</p> <p>The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and for other renewable energy markets within South Africa.</p> <p><b>ENVIRONMENTAL ASSESSMENTS:</b></p> <p>Nemai Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes for the proposed Project:</p> <ol style="list-style-type: none"><li>A Scoping and Environmental Impact Reporting Process in terms of the EIA Regulations of 2014 (as amended) to seek Environmental Authorisation for the Project in terms of the NEMA, where the mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE); and</li><li>A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).</li></ol> <p><b>REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:</b></p> <p>In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by <b>5 May 2022</b>. You are welcome to use the attached Reply Form for this purpose.</p> <p><b>CONTACT DETAILS OF EAP:</b></p> <p>Contact Person: <b>Donavan Henning</b> Tel: (011) 781 1730 Fax: (011) 781 1731 Email: <a href="mailto:donavonh@nemai.co.za">donavonh@nemai.co.za</a> Postal Address: PO Box 1673, Sunninghill, 2157</p>	<p>Hierdie kennisgewing word gegoe kragtens die volgende:</p> <ul style="list-style-type: none"><li>Die Omgewingsimpakbepalingsregulasies van 2014 (soos gewysig), kragtens die Wet op Nasionale Omgewingsbestuur (Wet Nr. 107 van 1998) (hierna NEMA); en</li><li>Die Nasionale Waterwet (Wet Nr. 36 van 1998) (hierna NWA).</li></ul> <p><b>PROJÊKDOORSIG:</b></p> <p>Verwys asb. na die aangehegte Agtergrondinligtingsdokument.</p> <p>Genesis Eco-Energy Developments (Edms) Bpk (die Aansoeker) stel voor om die Parys 360MW Fotovoltaïese (FV) Sonkrag Aanleg naby Parys, in die Ngwathe Plaaslike Munisipaliteit en Fesile Dabi-distrikmunisipaliteit, in die Vrystaat Provinsie op te rig. Die voorgestelde terrein is geleë op die Resant van die Plaas Leuswaku 76.</p> <p>Verwante infrastruktuur sluit toegangspaaie, oorhoofse kraglyn, terrein substatie, interne geboue en strukture, ens. in. Krag wat deur die voorgestelde Projek oggewek gaan word sal aan Eskom se bestaande 132kV distribusiestelsel toegevoer word.</p> <p>Die Aansoeker beplan om aan die bodprosesse vir die verkrygingsprogram vir onafhanklike kragvoorsienners in hernubare energie (REIPPPP) deel te neem, sowel as om ander hernubare energie-markte in Suid Afrika in ag te neem.</p> <p><b>OMGEWINGSBEPALINGS:</b></p> <p>Nemai Green is deur die Aansoeker as die omgewingsbepalingspraktisyn aangestel om die volgende omgewingsbepalings vir die voorgestelde projek uit te voer:</p> <ol style="list-style-type: none"><li>Omgevingsbepaling en Omgewingsimpakrapporteringproses ingevolge die Omgewingsimpakbepalingsregulasies van 2014 (soos gewysig) om vir Omgewingsmagtiging aansoek te doen, kragtens NEMA. Die Departement van Bosbou, Visserye en die Omgewing (DFFE) is die bevoegde owerheid met betrekking tot die aansoek; en</li><li>Lisensie-aansoek vir watergebruik (WULA) ingevolge die NWA. Die Departement van Water en Sanitasie (DWS) is die bevoegde owerheid met betrekking tot die WULA.</li></ol> <p><b>REGISTRASIE AS BELANGHEBBENDE EN GEAFFERTEERDE PARTY</b></p> <p>Ten einde te verseker dat u geregistreer word as 'n Belanghebbende en Geaffekteerde Party, stuur asseblief u naam, kontakbesonderhede en belangte in die projek aan die onderstaande kontakpersoon teen <b>5 Mei 2022</b>. Die aangehegte Terugvoeringsvorm kan hiervoor benut word.</p> <p><b>KONTAKBESONDERHEDE VAN OMGEWINGSBEPALINGSPRAKTIJSYN:</b></p> <p>Kontakpersoon: <b>Donavan Henning</b> Tel: (011) 781 1730 Faks: (011) 781 1731 E-pos: <a href="mailto:donavonh@nemai.co.za">donavonh@nemai.co.za</a> Posadres: Posbus 1673, Sunninghill, 2157</p>

**NEMAI GREEN**





## **APPENDIX E2: Site Notices**

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**PROJECT APPLICANT:** Genesis Eco-Energy Developments (Pty) Ltd

**ENVIRONMENTAL ASSESSMENT PRACTITIONER:** Nemaï Green

## **NOTICE OF ENVIRONMENTAL ASSESSMENTS**

### **PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE**

Notice is hereby given in terms of the following:

- The Environmental Impact Assessment (EIA) Regulations of 2014 (as amended), in terms of the National Environmental Management Act (Act No. 107 of 1998) (NEMA); and
- The National Water Act (Act No. 36 of 1998) (NWA).

#### **PROJECT OVERVIEW:**

Genesis Eco-Energy Developments (Pty) Ltd (the Applicant) has proposed the development of the Parys 360MW Solar PV Project near the town of Parys, within the Ngwathe Local Municipality and Fezile Dabi District Municipality in the Free State Province. The proposed PV Site is located on the Remainder of the Farm Leeuwkuil 76.

The associated infrastructure includes access roads, overhead power line, on-site substation and on-site buildings and structures (amongst others). The electricity generated by the proposed Project will be injected into the existing Eskom 132 kV distribution system.

The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within South Africa.

#### **ENVIRONMENTAL ASSESSMENTS:**

Nemaï Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes for the proposed Project:

1. A Scoping and Environmental Impact Reporting Process in terms of the EIA Regulations of 2014 (as amended) to seek Environmental Authorisation for the Project in terms of the NEMA, where the mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE); and
2. A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).

#### **REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:**

In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by 5 May 2022.

#### **CONTACT DETAILS OF EAP:**

**Contact Person:** Donavan Henning  
**Tel:** (011) 781 1730  
**Fax:** (011) 781 1731  
**Email:** donavanh@nemaï.co.za  
**Postal Address:** PO Box 1673, Sunninghill, 2157

## **KENNISGEWING VAN OMGEWINGSBEPALINGS**

### **VOORGESTELDE PARYS 360MW FOTOVOLTAÏESE (FV) SONKRAG PROJEK NABY PARYS, VRYSTAAT PROVINSIE**

Hierdie kennisgewing word gegee kragtens die volgende:

- Die Omgewingsimpakbepalingsregulasies van 2014 (soos gewysig), kragtens die Wet op Nasionale Omgewingsbestuur (Wet Nr. 107 van 1998) (hierna *NEMA*); en
- Die Nasionale Waterwet (Wet Nr. 36 van 1998) (hierna *NWA*).

#### **PROJEKOORSIG:**

Genesis Eco-Energy Developments (Edms) Bpk (die Aansoeker) stel voor om die Parys 360MW Fotovoltaïese (FV) Sonkrag Aanleg naby Parys, in die Ngwathe Plaaslike Munisipaliteit en Fezile Dabi-distriksmunisipaliteit, in die Vrystaat Provinsie op te rig. Die voorgestelde terrein is geleë op die Restant van die Plaas Leeuwkuil 76.

Verwante infrastruktuur sluit toegangspaaie, oorhoofse kraglyn, terrein substasie, interne geboue en strukture, ens. in. Krag wat deur die voorgestelde Projek opgewek gaan word sal aan Eskom se bestaande 132kV distribusiestelsel toegevoer word.

Die Aansoeker beplan om aan die bodprosesse vir die verkrygingsprogram vir onafhanklike kragvoorsiens in hernubare energie (REIPPPP) deel te neem, sowel as om ander hernubare energie-markte in Suid Afrika in ag te neem.

#### **OMGEWINGSBEPALINGS:**

Nemaï Green is deur die Aansoeker as die omgewingsbepalingspraktisyn aangestel om die volgende omgewingsbepalings vir die voorgestelde projek uit te voer:

1. Omvangsbepaling en Omgewingsimpakrapporteringproses ingevolge die Omgewingsimpakbepalingsregulasies van 2014 (soos gewysig) om vir Omgewingsmagtiging aansoek te doen, kragtens NEMA. Die Departement van Bosbou, Visserye en die Omgewing (*DFFE*) is die bevoegde owerheid met betrekking tot die aansoek; en
2. Lisensie-aansoek vir watergebruik (*WULA*) ingevolge die NWA. Die Departement van Water en Sanitasie (*DWS*) is die bevoegde owerheid met betrekking tot die WULA.

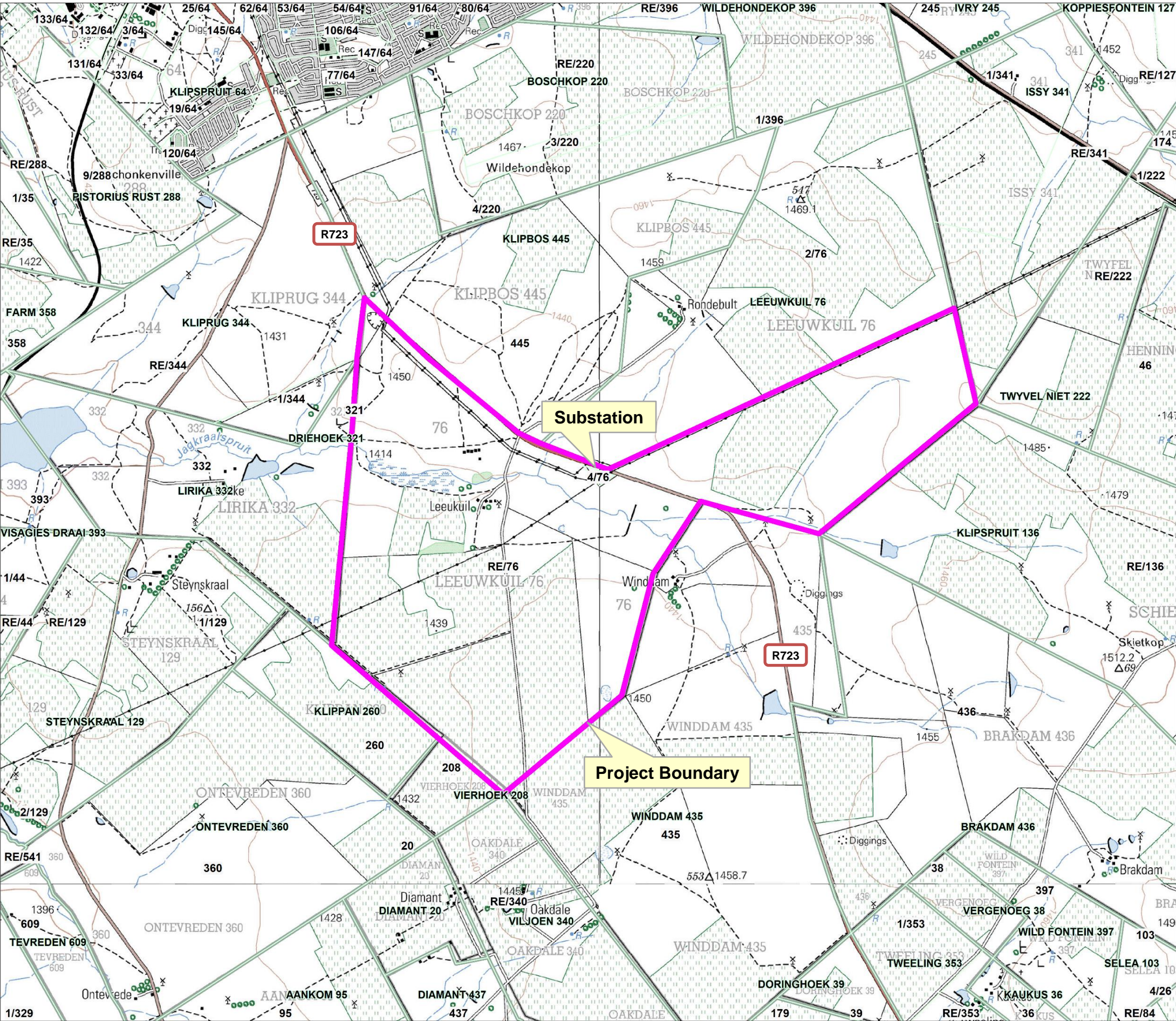
#### **REGISTRASIE AS BELANGHEBBENDE EN GEAFFEKTEERDE PARTY**

Ten einde te verseker dat u geregistreer word as 'n Belanghebbende en Geaffekteerde Party, stuur asseblief u naam, kontakbesonderhede en belange in die projek aan die onderstaande kontakpersoon teen 5 Mei 2022.

#### **KONTAKBESONDERHEDE VAN OMGEWINGBEPALINGSPRAKTISYN:**

**Kontakpersoon:** Donavan Henning  
**Tel:** (011) 781 1730  
**Faks:** (011) 781 1731  
**E-pos:** donavanh@nemaï.co.za  
**Posadres:** Posbus 1673, Sunninghill, 2157





Parys 360MW Solar PV Project

Locality Map

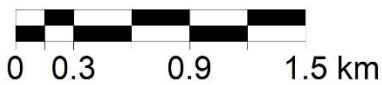
Legend

Cadastral

- A Parent farms
- Farm portions
- PARYS PV PROJECT
- Project Boundary




Scale 1:50000






## PARYS 200MW SOLAR PV BESS HYBRID PROJECT NEAR THE TOWN OF PARYS

### SITE NOTCES - LOCATIONS


No.	Coordinates	Description	Comments
1	26°56'59.95"S; 27°28'39.32"E	Site Notice 1 – along R723, north-western boundary of the site	

No.	Coordinates	Description	Comments
			



No.	Coordinates	Description	Comments
2	26°57'42.76"S; 27°29'32.09"E	Site Notice 2 – along R723, entrance to farm (western part of site)	

No.	Coordinates	Description	Comments
			


3	26°57'53.51"S; 27°30'1.59"E	Site Notice 3 – along R723, entrance to substation	
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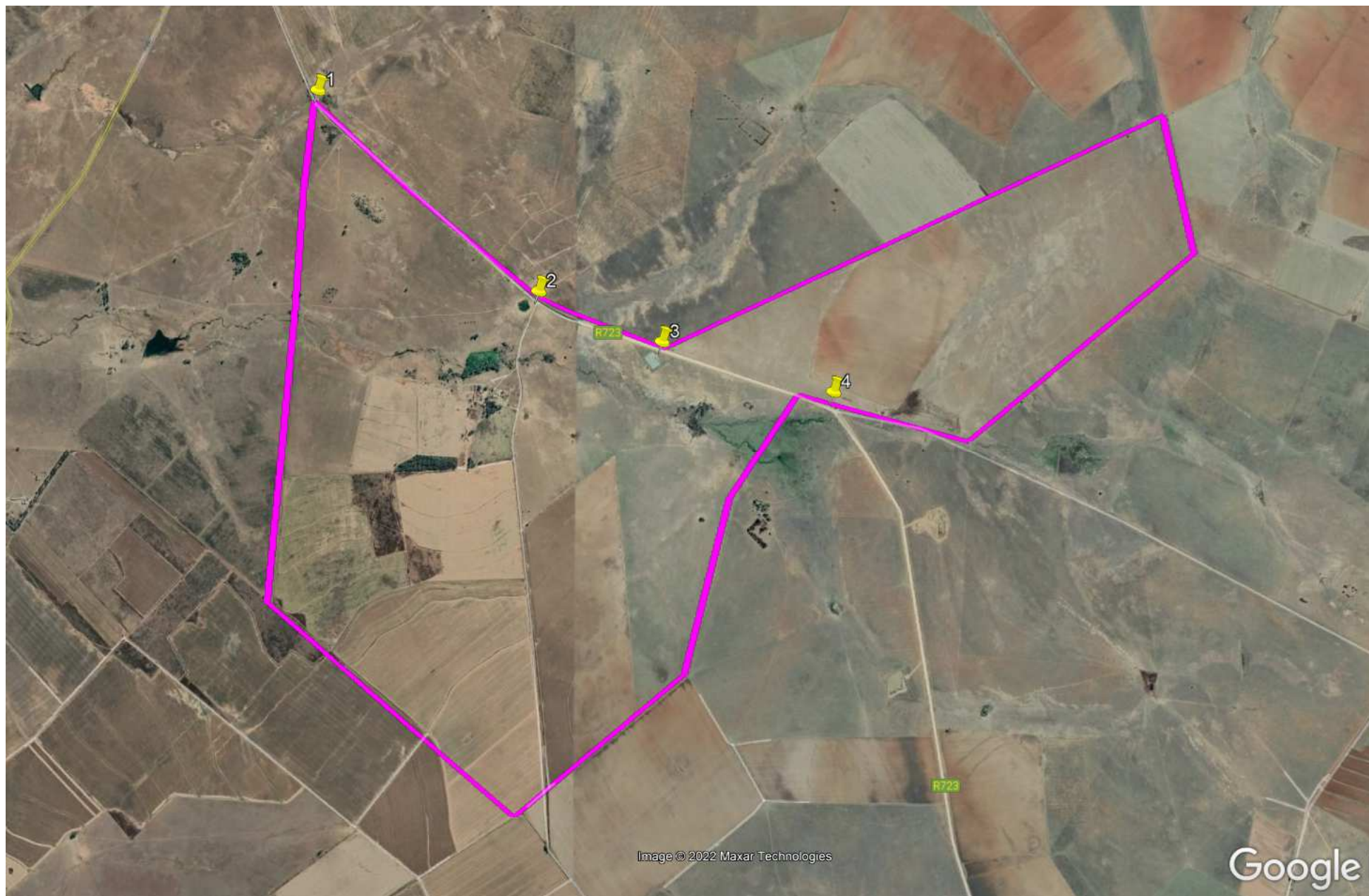
No.	Coordinates	Description	Comments
			 A photograph showing a grassy field with a wire fence. In the foreground, a white sign with text is attached to the fence. The sign contains several sections of text, including 'Project Name', 'Location', 'Date', and 'Remarks'. In the background, a small brown building is visible on the horizon under a clear blue sky. The rear of a white vehicle is partially visible in the bottom right corner.



4	26°58'4.17"S; 27°30'42.56"E	Site Notice 4 – along R723, entrance to farm (eastern part of site)	
---	-----------------------------	---	---

No.	Coordinates	Description	Comments
			 A photograph of a field site. In the foreground, there is a gravel area. A map sign is placed in the ground, showing a map with a highlighted area. The background is a flat, open field with some trees in the distance under a blue sky with scattered clouds.





## **APPENDIX E3: Background Information Document**

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March 2022

## PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS , FREE STATE PROVINCE

### PROJECT ANNOUNCEMENT

#### Applicant:

Genesis Eco-Energy Developments (Pty) Ltd



#### Environmental Assessment Practitioner:

Nemai Green

**NEMAI GREEN**  
Environmental Solutions for a Sustainable Future

#### CONTENT

1. Purpose of this Document
2. Background & Motivation
3. PV Technology
4. Project Overview
5. Environmental Assessments
6. Contact Details

## 1. PURPOSE OF THIS DOCUMENT

The purpose of this **Background Information Document (BID)** is as follows:

1. It serves to provide an overview of the proposed development of the Parys 360MW Solar Photovoltaic (PV) Project in the Free State Province (the "Project");
2. It provides an outline of the environmental assessments that will be undertaken for the proposed Project; and
3. It grants the opportunity to be registered as an Interested and Affected Party (I&AP) and allows for upfront comments to be made on the proposed Project (refer to the attached Reply Form).

## 2. BACKGROUND & MOTIVATION

Electricity generation sources need to be diversified to ensure security of supply and reduction in the carbon footprint created by the current heavy reliance of South Africa (SA) on coal to produce electricity. The electricity demand is increasing in SA, and in order to match that demand there is a need to supply a diversified power generation that includes renewable energy technologies. These technologies include solar, wind, small utility scale hydro, biomass, biogas and energy storage that the Department of Mineral Resources and Energy (DMRE) intends to develop and implement as identified in the approved Integrated Resource Plan (IRP) 2019.

Genesis Eco-Energy Developments (Pty) Ltd (the Applicant) has proposed the development of the Parys 360MW Solar PV Project near the town of Parys, in the Free State Province (refer to locality map in **Figure 1** below). The proposed PV Site is located on the Remainder of the Farm Leeuwkuil 76. The electricity generated by the Project will be injected into the existing Eskom 132 kV distribution system.

The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within SA.



### Locality Map

#### Legend

- Cadastral
- Parent farms
- Farm portions
- PARYS PV PROJECT
- Project Boundary



Scale 1:50000

0 0.3 0.9 1.5 km

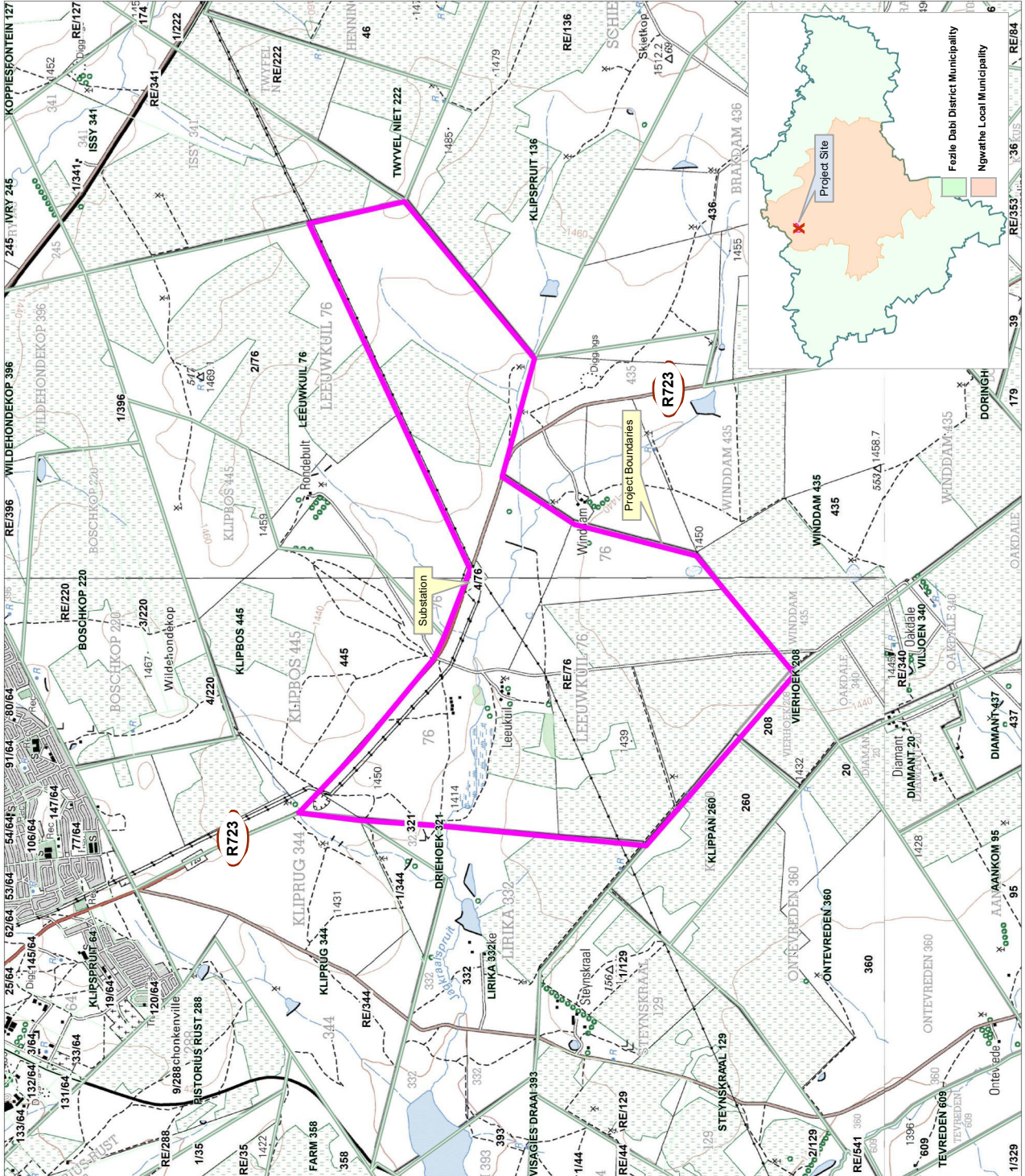
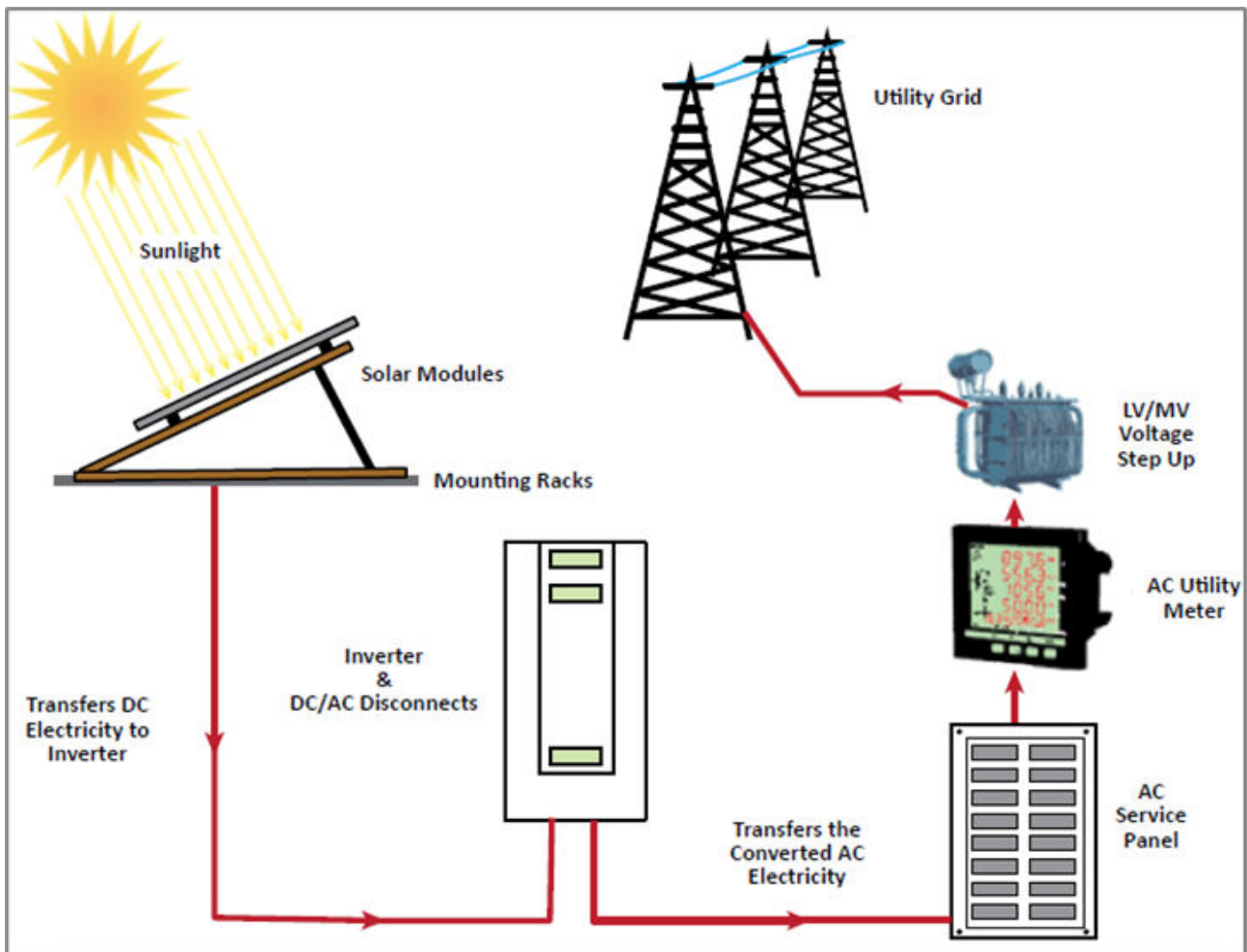


Figure 1: Locality map of project area

### 3. PV TECHNOLOGY

PV technology produces direct current (DC) which is then converted to alternating current (AC) via power electronic inverters. **Figure 2** below provides an overview of a typical Solar PV Power Plant project.



**Figure 2: Overview of Solar PV Power Plant**  
(International Finance Corporation, 2015. *Utility-Scale Solar Photovoltaic Power Plants.*)

### 4. PROJECT OVERVIEW

The Project is located in the northern part of the Free State Province and falls within the Fezile Dabi District Municipality and Ngwathe Local Municipality. The site is located approximately 3.5km to the south-east of the town of Parys and is crossed by the R723.

The proposed Project consists of the following systems, sub-systems or components (amongst others):

- ◆ PV panel arrays, which are the subsystems which convert incoming sunlight into electrical energy;
- ◆ Mounting structures to support the PV panels;
- ◆ On-site inverters to convert DC to facilitate AC connection between the solar energy facility and electricity grid;
- ◆ New 132 kV power lines between the on-site substation(s) and the grid connection point;
- ◆ Cabling between the Project's components, to be laid underground (where practical);
- ◆ Administration Buildings (Offices);
- ◆ Workshop areas for maintenance and storage;
- ◆ Temporary laydown areas;
- ◆ Internal access roads and perimeter fencing of the footprint;
- ◆ High Voltage (HV) Transformers; and
- ◆ Security Infrastructure.

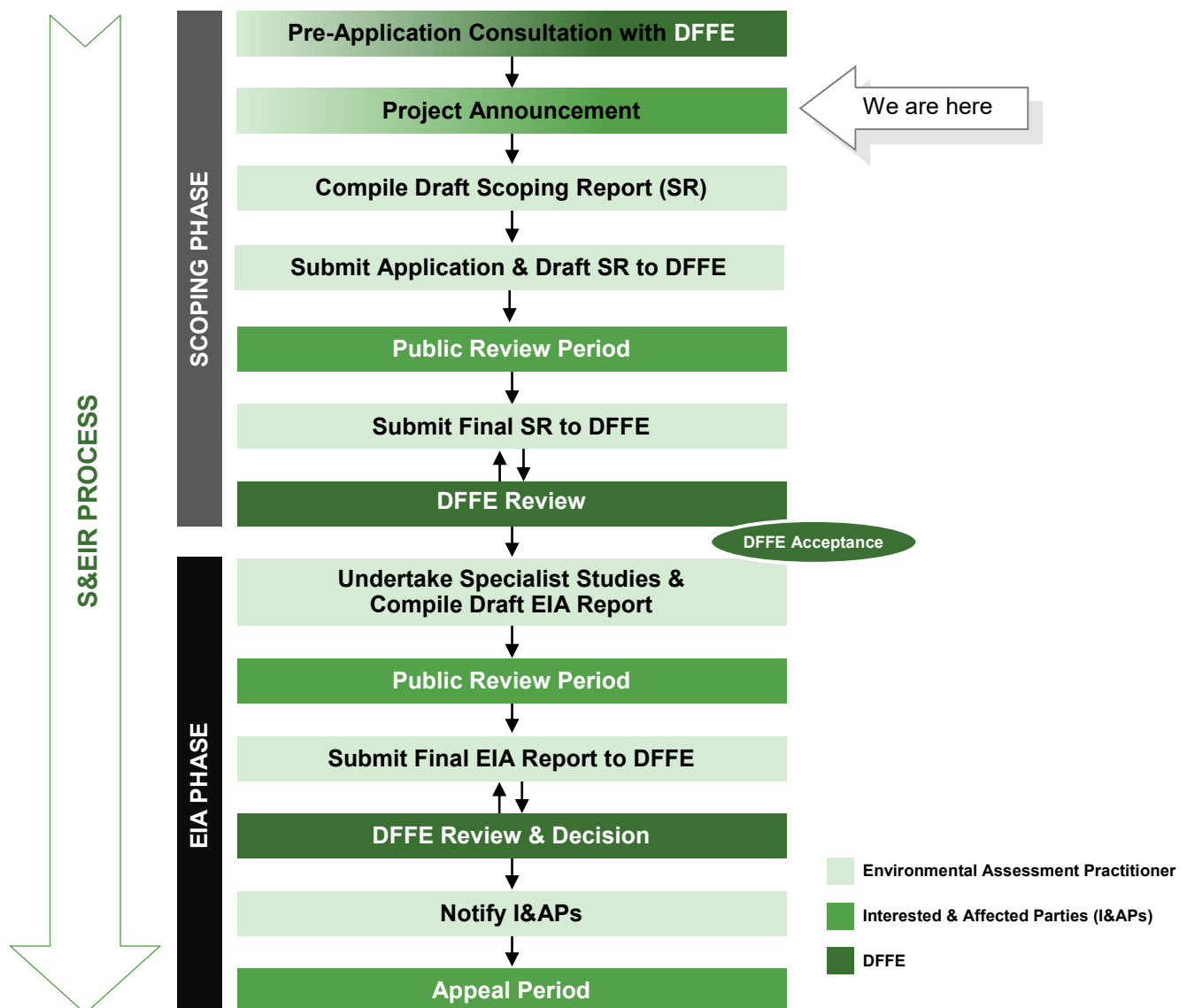
## 5. ENVIRONMENTAL ASSESSMENTS

### 5.1 ENVIRONMENTAL PROCESSES

Nemai Green was appointed as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes to seek authorisation for the proposed Project:

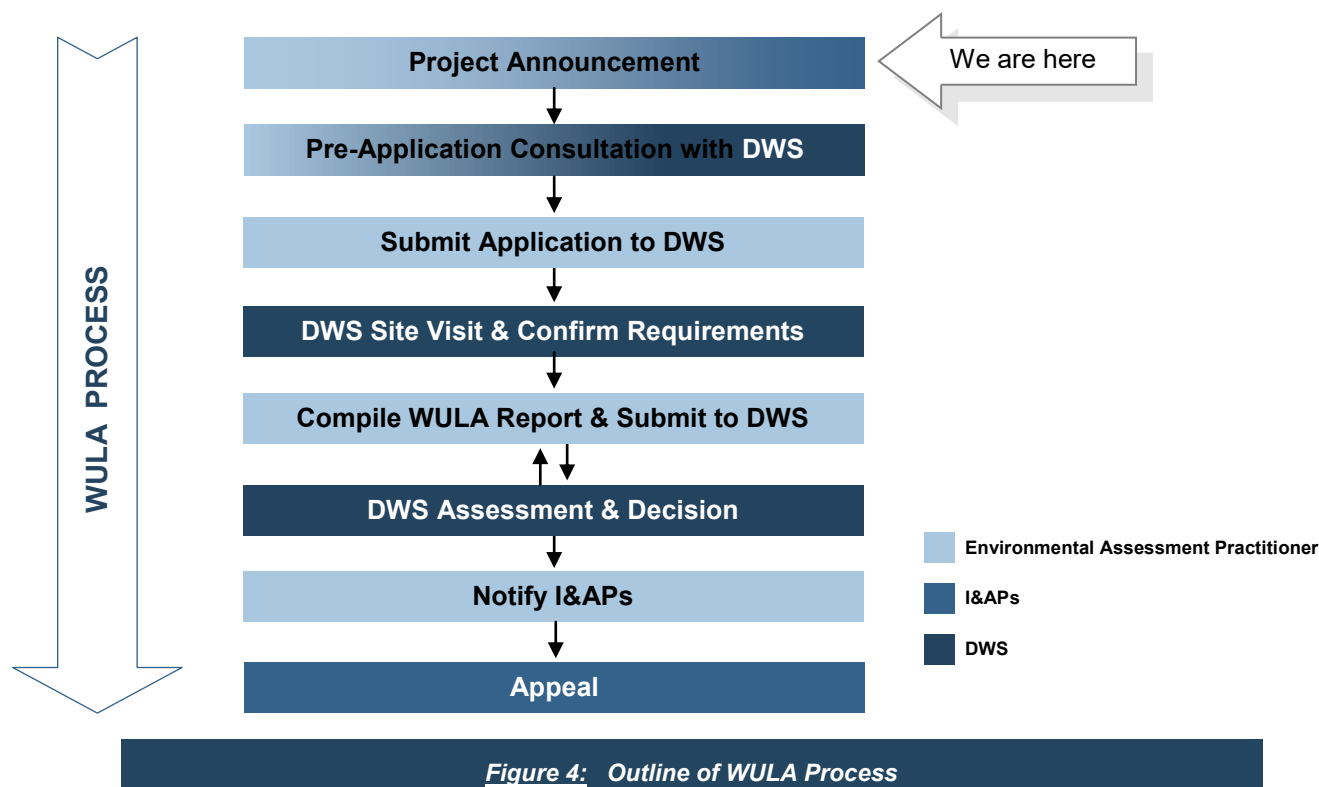
- Undertake a Scoping and Environmental Impact Reporting (S&EIR) Process in terms of the Environmental Impact Assessment (EIA) Regulations of 2014 (as amended), promulgated under the National Environmental Management Act (Act No. 107 of 1998) (NEMA). The mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE). Refer to **Figure 3** below for an outline of the S&EIR Process; and
- Compile a Water Use Licence Application (WULA) in terms of the National Water Act (Act No. 36 of 1998) (NWA) for water uses associated with the Project. The mandated authority in terms of the NWA is the Department of Water and Sanitation (DWS). Refer to **Figure 4** below for an outline of the WULA Process.

Note that there are also other pieces of legislation and mandated authorities governing specific environmental management topics (e.g. waste, air quality, etc.) and features (e.g. biodiversity, heritage and cultural resources, etc.), which will be considered further as the environmental assessments unfold.



**Figure 3: Outline of S&EIR Process**





## 5.2 SPECIALIST STUDIES

Specialist input is ordinarily required to assess potentially significant impacts to particular features of the receiving environment. At this stage, the following environmental specialist studies are earmarked to be undertaken as part of the environmental processes:

- ◆ Aquatic Impact Assessment and Delineation;
- ◆ Terrestrial Ecological Impact Assessment;
- ◆ Avifaunal Impact Assessment;
- ◆ Phase 1 Heritage Impact Assessment;
- ◆ Agricultural Impact Assessment;
- ◆ Social Impact Assessment;
- ◆ Visual Impact Assessment; and
- ◆ Desktop Palaeontological Impact Assessment.

## 5.3 PUBLIC PARTICIPATION

### 5.3.1 Overview of Public Participation Process

Public Participation will be undertaken in accordance with Chapter 6 of the EIA Regulations of 2014 (as amended). Some of the key tasks that form part of the Public Participation Process include the following (amongst others):

- ◆ Compile and maintain a database of stakeholders;
- ◆ Announce the Project and allow for the registration of I&APs (*note: this is where we currently are in the process*);
- ◆ Grant authorities and registered I&APs a period of 30 days to review and submit comments on the draft Scoping Report and draft EIA Report, as well as the WULA Technical Report; and
- ◆ Provide notification of DFFE's and DWS' decisions and explain the respective appeal processes.

### 5.3.2 Registration as an I&AP

To register as an I&AP and to raise any comments or concerns regarding the proposed Project, please complete the **attached Reply Form** and return it to Nema Green by **5 May 2022**.

## 6. CONTACT DETAILS

For any queries or comments, please contact the Environmental Assessment Practitioner below:

**NEMAI GREEN**  
Environmental Solutions for a Sustainable Future

**Contact Person:** Donovan Henning  
**Tel:** (011) 781 1730  
**Fax:** (011) 781 1731  
**Mobile:** 082 891 0604  
**Email:** donavanh@nema.co.za  
**Postal Address:** PO Box 1673, Sunninghill, 2157

## PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE

### REPLY FORM

<b>Official use</b>	<b>Date received</b>	<b>Our reference</b>	<b>Status</b>

Note: The purpose of the Reply Form includes the following:

1. Registration of Interested and Affected Parties; and
2. Allows for comments and concerns to be raised regarding the proposed Project.

#### 1) GENERAL INFORMATION

<b>Name of organisation</b> (if applicable)	
<b>Name &amp; Surname</b>	
<b>Postal Address</b>	
<b>Physical Address</b> (please provide full farm description, if applicable)	
<b>Telephone No.</b>	
<b>Mobile No.</b>	
<b>Fax No.</b>	
<b>Email Address</b>	

## 2) **COMMENTS**

2.1) Potential issues or concerns associated with the Project?

2.2) Specific requirements in terms of the environmental assessments?

2.3) Key stakeholders to be engaged with (provide contact details, if possible)?

2.4) General Comments (*Note - additional pages may be included if the space provided is insufficient*)

Signature \_\_\_\_\_

Date \_\_\_\_\_

— Thank you for your participation —



**VOORGESTELDE PARYS 360MW FOTOVOLTAÏESE (FV) SONKRAG  
PROJEK NABY PARYS, VRYSTAAT PROVINSIE**

**TERUGVOERINGSVORM**

<b>Amptelike Gebruik</b>	<b>Datum ontvang:</b>	<b>Ons verwysing:</b>	<b>Status:</b>

Note: Die doel van die Terugvoeringsvorm sluit die volgende in:

1. Registrasie van Belanghebbende en Geaffekteerde Partye; en
2. Maak voorsiening vir kommentaar oor die voorgenome Projek.

**1) ALGEMENE INLIGTING**

<b>Organisasie se Naam:</b> (indien toepaslik)	
<b>Naam en Van:</b>	
<b>Posadres:</b>	
<b>Fisiese Adres:</b> (dui asb. volle plaasnaam aan, indien toepaslik)	
<b>Telefoon-nommer:</b>	
<b>Selfoon-nommer:</b>	
<b>Faks-nommer:</b>	
<b>e-posadres:</b>	

## 2) KOMMENTAAR

2.1) Moontlike kwessies of besware aangaande die Projek?

2.2) Spesifieke vereistes van die Omgewingsbepalings?

2.3) Kontakbesonderhede van enige ander moontlike Belanghebbende en Geaffekteerde Partye waarvan u dalk bewus is?

2.4) Algemene kommentaar: (*LW bykomende bladsye mag ingesluit word indien die ruimte wat voorsien word te min is*)

Handtekening \_\_\_\_\_

Datum \_\_\_\_\_

— U deelname word opreg waardeer —

## **APPENDIX E4: Copies of Comments Received**

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**PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR  
THE TOWN OF PARYS, FREE STATE PROVINCE**

**REPLY FORM**

**Official use**

**Date received**

**Our reference**

**Status**

Note: The purpose of the Reply Form includes the following:

1. Registration of Interested and Affected Parties; and
2. Allows for comments and concerns to be raised regarding the proposed Project.

**1) GENERAL INFORMATION**

**Name of  
organisation  
(if applicable)**

**George Stott and Company (Pty) Ltd T/A Geo Stott**

**Name & Surname**

**Adnaan Gassiep**

**Postal Address**

**P.O Box 43134,  
Industria, Johannesburg, 2042**

**Physical Address  
(please provide full  
farm description, if  
applicable)**

**2216 Albertina Sisulu Road,  
Industria West, Johannesburg, 2093**

**Telephone No.**

**+27 (0)11 474-9150**

**Mobile No.**

**+27 (0)72 245 1997**

**Fax No.**

**Email Address**

**tenders@geostott.co.za**

## 2) COMMENTS

### 2.1) Potential issues or concerns associated with the Project?

National Treasury has published an instruction (no. 15 of 2016/17) effective from the 1st of February 2017 that steel products and components for construction have been designated, to achieve job preservation and job creation. How will you ensure that a material used in this project will be procured from local manufacturers?

Will BEE be a consideration for procurement of goods and services?

Will the names of consulting engineers be made public?

Will this be a turnkey project, or will goods & services be procured from companies who specialise in a specific product or service, to avoid overspending?

### 2.2) Specific requirements in terms of the environmental assessments?

### 2.3) Key stakeholders to be engaged with (provide contact details, if possible)?

#### 1. Mike Dos Santos

Email: [MikeD@geostott.co.za](mailto:MikeD@geostott.co.za)

Cell: 083 285 0541

#### 2. Adnaan Gassiep

Email: [tenders@geostott.co.za](mailto:tenders@geostott.co.za)

Cell: 072 245 1997

### 2.4) General Comments (*Note - additional pages may be included if the space provided is insufficient*)

To engage with reputable manufacturers of transmission and distribution line hardware, please visit the Powerline Association of SA (POLASA). POLASA provides all the stakeholders in the power line industry with a common platform to address matters of common interest and concern. Core activities include continuous improvement of the industry in terms of quality, productivity, investment, job creation, skills development and retention, technological development, safety and social responsibility which could include assisting members to achieve their transformation aspirations.

You can also request ESKOM to provide you with the "LAP LIST" which listed all of Eskom's approved suppliers that were vetted between 2010 - 2012.

Signature



Date

2022 / 04 / 05

— Thank you for your participation —

## Jacqui Davis

---

**From:** Donovan Henning  
**Sent:** Friday, 01 April 2022 14:32  
**To:** 'Annette Geertsema'  
**Cc:** Kaven Chetty  
**Subject:** RE: Announcement: Proposed Parys 360MW Solar PV Project, Free State  
**Attachments:** 10742-20220401-Parys Title Deed Information.pdf

Hi Annette

Please find attached information pertaining to the property that we have on file. I have copied in the Applicant's Project Manager, as he may have a clearer copy of the Title Deed.

Regards  
Donovan Henning

**Nemai Consulting**  
*Tel : +27 11 781 1730*  
*Fax : +27 11 781 1731*  
*Mobile : +27 82 891 0604*  
*Email : [donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)*  
*Address : 147 Bram Fischer Drive Ferndale, 2194, South Africa*  
*Postal Address : PO Box 1673, Sunninghill, 2157*



---

**From:** Annette Geertsema <[AnnetteS@Dalrrd.gov.za](mailto:AnnetteS@Dalrrd.gov.za)>  
**Sent:** Friday, April 1, 2022 9:42 AM  
**To:** Donovan Henning <[DonavanH@nemai.co.za](mailto:DonavanH@nemai.co.za)>  
**Subject:** FW: Announcement: Proposed Parys 360MW Solar PV Project, Free State

Good day

Can you please send the title deeds to enable the Department to consider the application?

Regards  
Annette

---

**From:** Thembi Nyoka  
**Sent:** Friday, 01 April 2022 08:36  
**To:** Annette Geertsema <[AnnetteS@Dalrrd.gov.za](mailto:AnnetteS@Dalrrd.gov.za)>  
**Subject:** FW: Announcement: Proposed Parys 360MW Solar PV Project, Free State



**From:** Donavan Henning <[DonavanH@nemai.co.za](mailto:DonavanH@nemai.co.za)>

**Sent:** Thursday, 31 March 2022 16:50

**Subject:** Announcement: Proposed Parys 360MW Solar PV Project, Free State

**EXTERNAL EMAIL: This email originated outside of "DALRRD Environment". CAUTION: Do not click on links or open attachments unless you recognize the sender and know the content is safe.**

## NOTICE OF ENVIRONMENTAL ASSESSMENTS

### PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE

Notice is hereby given in terms of the following:

- The Environmental Impact Assessment (EIA) Regulations of 2014 (as amended), in terms of the National Environmental Management Act (Act No. 107 of 1998) (NEMA); and
- The National Water Act (Act No. 36 of 1998) (NWA).

#### **PROJECT OVERVIEW:**

Please refer to the attached Background Information Document.

Genesis Eco-Energy Developments (Pty) Ltd (the Applicant) has proposed the development of the Parys 360MW Solar PV Project near the town of Parys, within the Ngwathe Local Municipality and Fezile Dabi District Municipality in the Free State Province. The proposed PV Site is located on the Remainder of the Farm Leeuwkuil 76.

The associated infrastructure includes access roads, overhead power line, on-site substation and on-site buildings and structures (amongst others). The electricity generated by the proposed Project will be injected into the existing Eskom 132 kV distribution system.

The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within South Africa.

#### **ENVIRONMENTAL ASSESSMENTS:**

Nemai Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes for the proposed Project:

1. A Scoping and Environmental Impact Reporting Process in terms of the EIA Regulations of 2014 (as amended) to seek Environmental Authorisation for the Project in terms of the NEMA, where the mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE); and
2. A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).

#### **REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:**

In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by 5 May 2022. You are welcome to use the attached Reply Form for this purpose.

#### **CONTACT DETAILS OF EAP:**

*Donavan Henning*  
(011) 781 1730  
(011) 781 1731  
[donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)  
PO Box 1673,  
Sunninghill, 2157

**Contact Person:**

**Tel:**

**Fax:**

**Email:**

**Postal Address:**

# NEMAI GREEN

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## Jacqui Davis

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**From:** BC Admin <bcadmin@dfpe.gov.za>  
**Sent:** Friday, 01 April 2022 11:52  
**To:** Donovan Henning  
**Subject:** RE: Announcement: Proposed Parys 360MW Solar PV Project, Free State

Good day Donovan,

I hope this email finds you well.

DFPE Directorate: Biodiversity Conservation would like to register as the I&AP for the mentioned project. Kindly notify and email us the link containing the report as soon as it becomes available.

Please note that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: [BCAdmin@environment.gov.za](mailto:BCAdmin@environment.gov.za) for attention of Mr. Seoka Lekota.

Kind Regards,

**Biodiversity Conservation, Mainstreaming EIA (Admin)**

Department of Forestry, Fisheries and the Environment

Environment House

473 Steve Biko and Soutpansberg Streets

PRETORIA

E-mail: [bcadmin@dfpe.gov.za](mailto:bcadmin@dfpe.gov.za)

Call Centre: 086 111 2468



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**From:** Donovan Henning <DonavanH@nemail.co.za>  
**Sent:** Thursday, 31 March 2022 16:48  
**Subject:** Announcement: Proposed Parys 360MW Solar PV Project, Free State



## NOTICE OF ENVIRONMENTAL ASSESSMENTS

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The associated infrastructure includes access roads, overhead power line, on-site substation and on-site buildings and structures (amongst others). The electricity generated by the proposed Project will be injected into the existing Eskom 132 kV distribution system.

The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within South Africa.

#### **ENVIRONMENTAL ASSESSMENTS:**

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#### **CONTACT DETAILS OF EAP:**

*Donavan Henning*  
(011) 781 1730  
(011) 781 1731  
[donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)  
PO Box 1673,  
Sunninghill, 2157

**Contact Person:**

**Tel:**

**Fax:**

**Email:**

**Postal Address:**

# NEMAI GREEN

Environmental Solutions for a Sustainable Future

'Please consider the environment before you print this email' The processing of personal information by the Department of Forestry, Fisheries and the Environment is done lawfully and not excessive to the purpose of processing in compliance with the POPI Act, any codes of conduct issued by the Information Regulator in terms of the POPI Act and / or relevant legislation providing appropriate security safeguards for the processing of personal information of others.

**Jacqui Davis**

---

**From:** Agriland <AgrilandC@Dalrrd.gov.za>  
**Sent:** Thursday, 26 May 2022 06:14  
**To:** Donovan Henning  
**Cc:** Mashudu Marubini  
**Subject:** AgriLand reference number: 2022\_05\_0104 - Subdivision of Agricultural Land (Act70 of 1970)

Dear Nema Consulting,

The Department hereby acknowledge receipt of your application for Leeuwkuil 76 (Parys 360Mw Solar Pv Project).

The reference number for your application is: 2022\_05\_0104

Best regards,

AgriLand System  
(Auto-generated e-mail - Please do NOT reply)

**Disclaimer**

The information contained in this e-mail may be confidential, legally privileged and protected by law. Access by the intended recipient only is authorised. If you are not the intended recipient, kindly notify the sender immediately. Unauthorised use, copying or dissemination hereof is strictly prohibited. Save for bona fide departmental purposes, the Department of Agriculture, Land Reform and Rural Development does not accept responsibility for the contents or opinions expressed in this e-mail, nor does it warrant this communication to be free from errors, contamination, interference or interception.



## Jacqui Davis

---

**From:** Dimakatso Monatisa <MonatiDJ@eskom.co.za>  
**Sent:** Tuesday, 05 April 2022 14:19  
**To:** Donavan Henning  
**Cc:** Rene De Bruin; George Wilson  
**Subject:** FW: Announcement: Proposed Parys 360MW Solar PV Project, Free State  
**Attachments:** 10742-20220331-Parys Solar PV Project BID.pdf; 10742-20220331-Reply Form.pdf; 10742-20220331-Terugvoeringsvorm.pdf; Wayleave\_Parys Project\_05042022\_Sketch.pdf; Wayleave\_Parys project\_05042022.pdf

Good day

Attached ,Please find the wayleave as requested

Kind Regards  
D J Monatisa

---

**From:** Donavan Henning <DonavanH@nema.co.za>  
**Sent:** Thursday, March 31, 2022 4:51 PM  
**Subject:** [CAUTION:EXTERNAL EMAIL] - Announcement: Proposed Parys 360MW Solar PV Project, Free State

## NOTICE OF ENVIRONMENTAL ASSESSMENTS

### PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE

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The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within South Africa.

#### **ENVIRONMENTAL ASSESSMENTS:**

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2. A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).

#### **REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:**

In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by 5 May 2022. You are welcome to use the attached Reply Form for this purpose.

#### **CONTACT DETAILS OF EAP:**

*Donavan Henning*  
(011) 781 1730  
(011) 781 1731  
[donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)  
PO Box 1673,  
Sunninghill, 2157

**Contact Person:**

**Tel:**

**Fax:**

**Email:**

**Postal Address:**

# NEMAI GREEN

Environmental Solutions for a Sustainable Future

NB: This Email and its contents are subject to the Eskom Holdings SOC Ltd EMAIL LEGAL NOTICE which can be viewed at [http://www.eskom.co.za/Pages/Email\\_Legal\\_Spam\\_Disclaimer.aspx](http://www.eskom.co.za/Pages/Email_Legal_Spam_Disclaimer.aspx)



**Nemai Green  
PO Box 1673  
Sunninghill, 2157  
Johannesburg**

Date: 04 April 2022  
Enquiries: R. de Bruin  
Tel: 051-404 2467  
E-mail: [dbruiner@eskom.co.za](mailto:dbruiner@eskom.co.za)

Attention: Donovan Henning

Your Ref: PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT  
Our Ref: Nemai Green Parys

Dear Sir / Madam

**RE: WAYLEAVE APPLICATION - Ref: PARYS 360MW SOLAR PHOTOVOLTAIC (PV)  
PROJECT PARYS, FREE STATE PROVINCE**

**Applicant/Client:**  
**Genesis Eco-Energy Developments (Pty) Ltd**

Your e-mail dated 31 March 2022 regarding above mentioned project hereby refers. Eskom Distribution (Dx) has no objection to the proposed project. Eskom services are affected as per the attached sketch. However, please adhere to Eskom's conditions and treat Eskom's powerlines as live at all times and keep a building restriction of 9 meters on either sides of the power line for 11Kv lines and 18 meters on either sides of power line for 132Kv lines

- Numerous 132 kV and 11kV lines are affected

Please find Eskom's conditions which must always be respected when working near or closer to our services:

1. Eskom Dx shall at all times retain unobstructed access to and egress from its servitudes.
2. Eskom Dx's consent does not relieve the applicant from obtaining the necessary statutory, land owner or municipal approvals.
3. The applicant will adhere to all relevant environmental legislation. Any cost incurred by Eskom Dx as a result of non-compliance will be charged to the applicant.
4. No drilling shall take place within 11 metres from any Eskom Dx power line structure,
5. All work within Eskom Dx's servitude areas shall comply with the relevant Eskom earthing standards in force at the time.

6. If Eskom Dx has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the applicant's activities or because of the presence of his equipment or installation within the servitude area, the applicant shall pay such costs to Eskom Dx on demand.

e

7. The use of explosives of any type within 500metres of Eskom Dx's services shall only occur with Eskom Dx's prior written permission. If such permission is granted the applicant must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. If blasting becomes necessary, application in this regard should be made separately.
8. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom Dx's requirements.
9. Eskom Dx shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the applicant, his/her agent, contractors, employees, successors in title, and assigns. The applicant indemnifies Eskom Dx against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom Dx's services or apparatus or otherwise. Eskom Dx will not be held responsible for damage to the applicant's equipment.
10. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom Dx's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the applicant must give at least seven working days prior notice of the commencement of work. **This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Technical Service Centre.**
11. No work shall commence unless Eskom Dx has received the applicant's written acceptance of the conditions specified in the letter of consent and/or permit.
12. Eskom Dx's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with. Note: Where an electrical outage is required, at least fourteen work days are required to arrange same.
13. Under no circumstances shall rubble, earth or other material be dumped within the servitude area. The applicant shall maintain the area concerned to Eskom Dx's satisfaction. The applicant shall be liable to Eskom Dx for the cost of any remedial action which has to be carried out by Eskom Dx.
14. The clearances between Eskom Dx's live electrical equipment and the proposed construction work shall be observed as stipulated by *Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993)*.
- 15. Eskom shall be regarded electrically live and therefore dangerous at all times.**
16. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as additional safety precaution, Eskom Dx will not approve the erection of houses or structures occupied or frequented by human beings under the power lines or within the servitude area.
17. Eskom Dx may stipulate any additional requirements to illuminate any possible exposure to Customers or Public to coming into contact or be exposed to any dangers to Eskom plant.
18. It is required of the applicant to familiarise him/herself with all safety hazards related to Electrical plant.

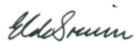
Should the applicant or his/her contractor damage any of Eskom's services during execution of any work whatsoever, the incident must be reported to Eskom's Technical service centre, **George Wilson @051-404 5001 and 076 903 0339** immediately. The same person must be contacted **before** commencement of the project as well.

For the re-location of any Eskom's services, our customer service centre should be contacted on **051-404 2211**.

The above conditions should be accepted in writing before any work within Eskom Services commences and the Technical service centre must be informed of the future activities.

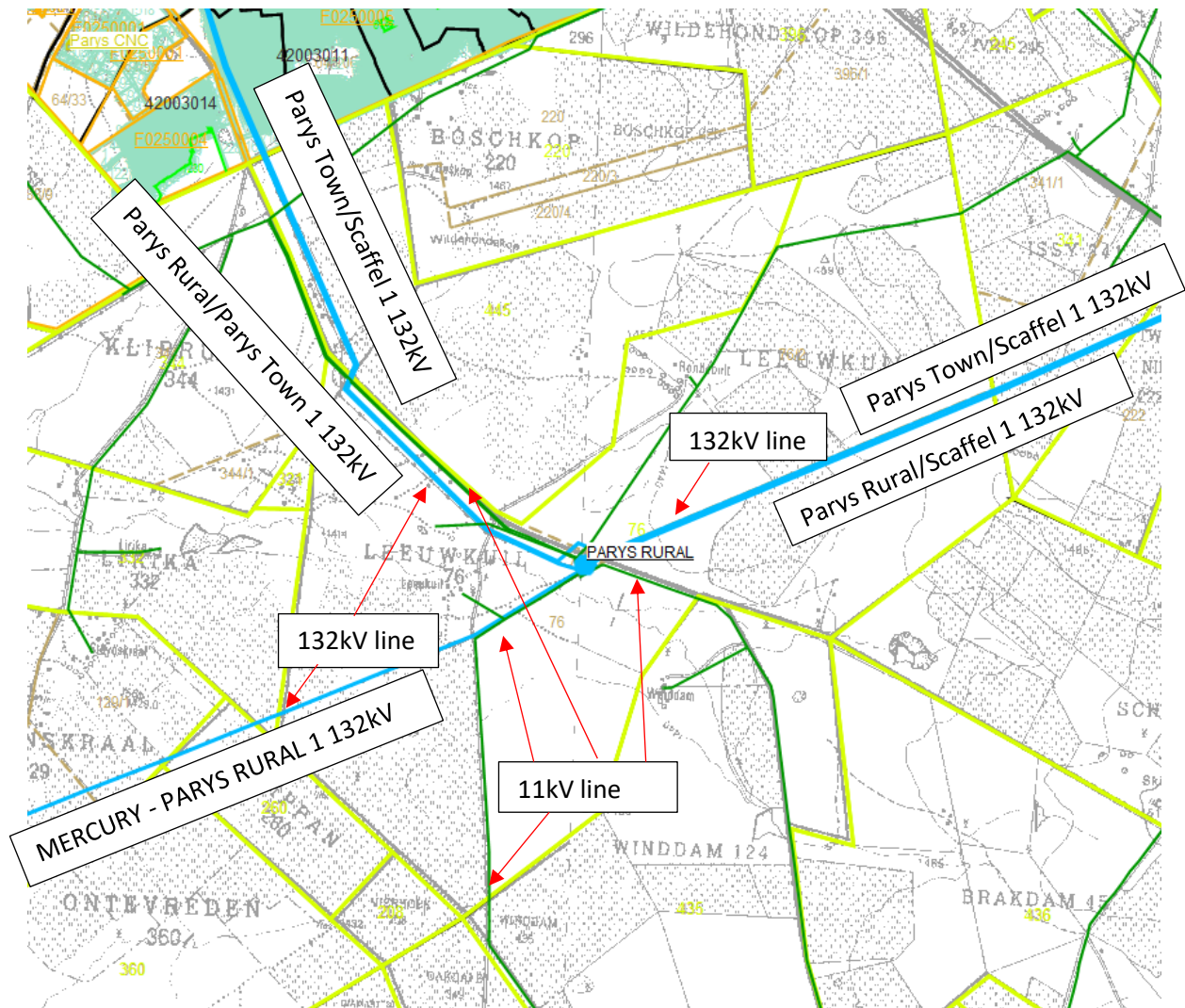
For any further information please contact the writer at the above mentioned telephone number.

Yours sincerely



---

**R de Bruin**  
**For Land Development Manager**





## Donavan Henning

---

**From:** Donovan Henning  
**Sent:** Thursday, May 12, 2022 1:18 PM  
**To:** Godfrey Kelezema  
**Subject:** RE: Proposal for site contractor

Dear Godfrey

Thank you for your email.

Our company is undertaking the Environmental Impact Assessment (EIA) for this proposed Project. We are not involved with the construction phase or the appointment of contractors. Nonetheless, we take note of your correspondence and will include your request in the Comments and Responses Report.

We will keep you posted as the EIA process unfolds.

Regards  
Donavan Henning

### Nemai Green

*Tel : +27 11 781 1730*

*Fax : +27 11 781 1731*

*Mobile : +27 82 891 0604*

*Email : [donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)*

*Address : 147 Bram Fischer Drive Ferndale, 2194, South Africa*

*Postal Address : PO Box 1673, Sunninghill, 2157*

# NEMAI GREEN

Environmental Solutions for a Sustainable Future

---

**From:** Godfrey Kelezema <kelezemagod350@gmail.com>  
**Sent:** Wednesday, May 11, 2022 9:43 AM  
**To:** Donovan Henning <DonavanH@nemai.co.za>  
**Subject:** Proposal for site contractor

Good morning Donovan

My name is Godfrey from Parys in schonkenville near the leeuwkuil farm, I would like to apply or propose for the site contracting, I'm confident that I meet the desired requirements for any job that can be offered, I'm available for any job offered to me, I'm available for the interview if required, my company name is Tyelinzima holdings Pty Ltd, I'm available for the interview if required my contact details are 0735682220/[kelezemagod350@gmail.com](mailto:kelezemagod350@gmail.com) thank you

**VOORGESTELDE PARYS 360MW FOTOVOLTAÏESE (FV) SONKRAAG  
PROJEK NABY PARYS, VRYSTAAT PROVINSIE**

**TERUGVOERINGSVORM**

**Amptelike  
Gebruik**

**Datum ontvang:**

**Ons verwysing:**

**Status:**

Note: Die doel van die Terugvoeringsvorm sluit die volgende in:

1. Registrasie van Belanghebbende en Geaffekteerde Partye; en
2. Maak voorsiening vir kommentaar oor die voorgenome Projek.

**1) ALGEMENE INLIGTING**

**Organisasie se  
Naam:**  
(indien toepaslik)

**Naam en Van:**

G.H. vd Westhuizen

**Posadres:**

Bus 179

PARYS

**Fisiese Adres:**  
(dui asb. volle  
plaasnaam aan, indien  
toepaslik)

DIAMANT GEDEELTE 20, KLIPPAN 260,  
Oakdale 340,

**Telefoon-nommer:**

082 960 7258

**Selfoon-nommer:**

082 960 7258

**Faks-nommer:**

**e-posadres:**

diamant@lantic.net

## 2) KOMMENTAAR

2.1) Moontlike kwessies of besware aangaande die Projek?

Toegongroetes van huis na dorp loop deur leekuit.

2.2) Spesifieke vereistes van die Omgewingsbepalings?

2.3) Kontakbesonderhede van enige ander moontlike Belanghebbende en Geaffekteerde Partye waarvan u dalk bewus is?

2.4) Algemene kommentaar: (LW bykomende bladsye mag ingesluit word indien die ruimte wat voorsien word te min is)

How my op hoogte van alle besluite.

Handtekening



Datum

27 April '22

— U deelname word opreg waardeer —



## Jacqui Davis

---

**From:** Donovan Henning  
**Sent:** Tuesday, 26 April 2022 10:46  
**To:** John Geeringh  
**Subject:** RE: Announcement: Proposed Parys 360MW Solar PV Project, Free State  
**Attachments:** 10742-20220404-Parys Layout.pdf; L228172-ZACT-D-07-B\_Layout Parys\_UTM35.kmz

Hi John

Our apologies for the delayed response. Please find attached a map and kmz file of the layout. It is proposed for the project to connect to the Parys Rural 132/11 Kv Substation.

Regards  
Donovan Henning

**Nemai Consulting**

*Tel : (011) 781 1730*

*Fax : (011) 781 1731*

*Mobile : 082 891 0604*

*Email : [donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)*

*Address : 147 Bram Fischer Drive Ferndale, 2194*

*Postal Address : PO Box 1673, Sunninghill, 2157*



---

**From:** John Geeringh <GeerinJH@eskom.co.za>  
**Sent:** Monday, April 11, 2022 3:07 PM  
**To:** Donovan Henning <DonavanH@nemai.co.za>  
**Subject:** RE: Announcement: Proposed Parys 360MW Solar PV Project, Free State

Please send me KMZ files of the proposed development and grid connection. Please find attached Eskom requirements for work at or near Eskom infrastructure and servitudes, as well as the Eskom setbacks guideline for renewable energy developments.

Kind regards

John Geeringh (Pr Sci Nat) Reg. EAP (EAPASA)  
Senior Consultant Environmental Management  
Grid Planning: Land and Rights  
Eskom Transmission Division  
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.  
P O Box 1091, Johannesburg, 2000.  
Tel: 011 516 7233  
Cell: 083 632 7663  
Fax: 086 661 4064  
E-mail: [john.geeringh@eskom.co.za](mailto:john.geeringh@eskom.co.za)



**From:** Donovan Henning <[DonavanH@nemai.co.za](mailto:DonavanH@nemai.co.za)>

**Sent:** Thursday, 31 March 2022 16:51

**Subject:** [CAUTION:EXTERNAL EMAIL] - Announcement: Proposed Parys 360MW Solar PV Project, Free State

## NOTICE OF ENVIRONMENTAL ASSESSMENTS

### PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE

Notice is hereby given in terms of the following:

- The Environmental Impact Assessment (EIA) Regulations of 2014 (as amended), in terms of the National Environmental Management Act (Act No. 107 of 1998) (NEMA); and
- The National Water Act (Act No. 36 of 1998) (NWA).

#### **PROJECT OVERVIEW:**

Please refer to the attached Background Information Document.

Genesis Eco-Energy Developments (Pty) Ltd (the Applicant) has proposed the development of the Parys 360MW Solar PV Project near the town of Parys, within the Ngwathe Local Municipality and Fezile Dabi District Municipality in the Free State Province. The proposed PV Site is located on the Remainder of the Farm Leeuwkuil 76.

The associated infrastructure includes access roads, overhead power line, on-site substation and on-site buildings and structures (amongst others). The electricity generated by the proposed Project will be injected into the existing Eskom 132 kV distribution system.

The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within South Africa.

#### **ENVIRONMENTAL ASSESSMENTS:**

Nemai Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes for the proposed Project:

1. A Scoping and Environmental Impact Reporting Process in terms of the EIA Regulations of 2014 (as amended) to seek Environmental Authorisation for the Project in terms of the NEMA, where the mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE); and
2. A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).

#### **REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:**

In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by 5 May 2022. You are welcome to use the attached Reply Form for this purpose.

#### **CONTACT DETAILS OF EAP:**

*Donavan Henning*  
(011) 781 1730  
(011) 781 1731  
[donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)  
PO Box 1673,  
Sunninghill, 2157

**Contact Person:**  
**Tel:**  
**Fax:**  
**Email:**  
**Postal Address:**

# NEMAI GREEN

Environmental Solutions for a Sustainable Future

NB: This Email and its contents are subject to the Eskom Holdings SOC Ltd EMAIL LEGAL NOTICE which can be viewed at [http://www.eskom.co.za/Pages/Email\\_Legal\\_Spam\\_Disclaimer.aspx](http://www.eskom.co.za/Pages/Email_Legal_Spam_Disclaimer.aspx)

## TO WHOM IT MAY CONCERN

### Eskom requirements for work in or near Eskom servitudes.


1. Eskom's rights and services must be acknowledged and respected at all times.
2. Eskom shall at all times retain unobstructed access to and egress from its servitudes.
3. Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.
4. Any cost incurred by Eskom as a result of non-compliance to any relevant environmental legislation will be charged to the developer.
5. If Eskom has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the developer's activities or because of the presence of his equipment or installation within the servitude restriction area, the developer shall pay such costs to Eskom on demand.
6. The use of explosives of any type within 500 metres of Eskom's services shall only occur with Eskom's previous written permission. If such permission is granted the developer must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. It is advisable to make application separately in this regard.
7. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom's satisfaction.
8. Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the developer, his/her agent, contractors, employees, successors in title, and assignees. The developer indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus or otherwise. Eskom will not be held responsible for damage to the developer's equipment.
9. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the developer must give at least seven working days' notice prior to the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Eskom Manager

Note: Where an electrical outage is required, at least fourteen work days are required to arrange it.

10. Eskom's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with.
11. Under no circumstances shall rubble, earth or other material be dumped within the servitude restriction area. The developer shall maintain the area concerned to Eskom's satisfaction. The developer shall be liable to Eskom for the cost of any remedial action which has to be carried out by Eskom.
12. The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by *Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993)*.
13. Equipment shall be regarded electrically live and therefore dangerous at all times.
14. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as an additional safety precaution, Eskom will not approve the erection of houses, or structures occupied or frequented by human beings, under the power lines or within the servitude restriction area.
15. Eskom may stipulate any additional requirements to highlight any possible exposure to Customers or Public to coming into contact or be exposed to any dangers of Eskom plant.
16. It is required of the developer to familiarise himself with all safety hazards related to Electrical plant.
17. Any third party servitudes encroaching on Eskom servitudes shall be registered against Eskom's title deed at the developer's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.

John Geeringh (Pr Sci Nat)(EAPASA)  
Senior Consultant Environmental Management  
Eskom Transmission Division: Land & Rights  
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.  
P O Box 1091, Johannesburg, 2000.  
Tel: 011 516 7233  
Cell: 083 632 7663  
Fax: 086 661 4064  
E-mail: john.geeringh@eskom.co.za



	<b>SCOT</b>	<b>Technology</b>
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Title: **Renewable Energy Generation Plant Setbacks to Eskom Infrastructure** Unique Identifier: **240-65559775**

Alternative Reference Number: **N/A**

Area of Applicability: **Power Line Engineering**



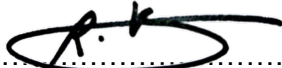
Documentation Type: **Guideline**

Revision: **2**

Total Pages: **9**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

Compiled by	Approved by	Authorised by
		
<b>J W Chetty</b> <b>Mechanical Engineer</b>	<b>B Ntshuntsha</b> <b>Chief Engineer (Lines)</b>	<b>R A Vajeth</b> <b>Snr Manager (Lines) and SCOT/SC/ Chairperson</b>
Date: 15 / 09 / 2020	Date: 30/10/2020	Date: 30/10/2020

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## **EXECUTIVE SUMMARY**

In recent decades, the use of wind turbines, concentrated solar plants and photovoltaic plants have been on the increase as it serves as an abundant source of energy. This document specifies proposed setbacks for wind turbines and the reasons for these setbacks from infrastructure as well as setbacks for concentrated solar plants and photovoltaic plants. Setbacks for wind turbines employed in other countries were compared and a general setback to be used by Eskom was suggested for use with wind turbines and other renewable energy generation plants.

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## **1. INTRODUCTION**

During the last few decades, a large amount of wind turbines have been installed in wind farms to accommodate for the large demand of energy and depleting fossil fuels. Wind is one of the most abundant sources of renewable energy. Wind turbines harness the energy of this renewable resource for integration in electricity networks. The extraction of wind energy is its primary function and thus the aerodynamics of the wind turbine is important. There are many different types of wind turbines which will all exhibit different wind flow characteristics. The most common wind turbine used commercially is the Horizontal Axis Wind Turbine. Wind flow characteristics of this turbine are important to analyse as it may have an effect on surrounding infrastructure.

Wind turbines also cause large turbulence downwind that may affect existing infrastructure. Debris or parts of the turbine blade, in the case of a failure, may be tossed behind the turbine and may lead to damage of infrastructure in the wake path.

This document outlines the minimum distances that need to be introduced between a wind turbine and Eskom infrastructure to ensure that debris and / or turbulence would not negatively impact on the infrastructure and future expansion of infrastructure (lines and substation) as per the long term planning scenario.

Safety distances of wind turbines from other structures as implemented by other countries were also considered and the reasons for their selection were noted. All renewable energy developments are approved by The Department of Environmental Affairs, Forestry and Fisheries (DEFF) in terms of NEMA. The DEFF is aware of the setbacks guideline, however they cannot use it in terms of decision making since the setbacks document has no legal standing in SA and it would be outside of their mandate who have been advised to follow the guidelines herein.

Concentrated solar plants and photovoltaic plants setbacks away from substations were also to be considered to prevent restricting possible power line access routes to the substation and possible expansion of substations.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

This document provides guidance on the safe distance that a wind turbine should be located from any Eskom power line or substation. Although it is not based on any legislative requirement, it is deemed important that Eskom's infrastructure and future network expansion planning is not impeded. The document specifies proposed setback distances for transmission lines (220 kV to 765 kV), distribution lines

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(66 kV to 132 kV) and all Eskom substations. Proposed setbacks for concentrated solar plants and photovoltaic plants are also specified away from substations.

### **2.1.1 Purpose**

Setbacks for wind turbines and power lines / substations are required for various reasons. These include possible catastrophic failure of the turbine blade that may release fragments and which may be thrown onto nearby power lines that may result in damage with associated unplanned outages. Turbulence behind the turbine may affect helicopter flight during routine Eskom live line maintenance and inspections that may lead to safety risk of the aircraft / personnel. Concentrated solar plants and photovoltaic plants setback away from substations were required to prevent substations from being boxed in by these renewable generation plants limiting line route access to the substations and possible future substation expansion.

### **2.1.2 Applicability**

This document is applicable to the siting of all new and existing wind turbines, concentrated solar plants and photovoltaic plants near power lines and substations and in line of site between Eskom telecommunication infrastructure, including future Eskom renewable energy development.

## **2.2 NORMATIVE/INFORMATIVE REFERENCES**

### **2.2.1 Normative**

1. <http://www.envir.ee/orb.aw/class=file/action=preview/id=1170403/Hiiumaa+turbulence+impact+EMD.pdf>.
2. <http://www.energy.ca.gov/2005publications/CEC-500-2005-184/CEC-500-2005-184.PDF>
3. <http://www.adamscountywind.com/Revised%20Site/Windmills/Adams%20County%20Ordinance/Adams%20County%20Wind%20Ord.htm>
4. [http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=PA11R&RE=1&EE=1](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=PA11R&RE=1&EE=1)
5. <http://www.wind-watch.org/documents/european-setbacks-minimum-distance-between-wind-turbines-and-habitations/>
6. <http://www.publications.parliament.uk/pa/ld201011/ldbills/017/11017.1-i.html>
7. [http://www.caw.ca/assets/pdf/Turbine\\_Safety\\_Report.pdf](http://www.caw.ca/assets/pdf/Turbine_Safety_Report.pdf)
8. Rogers J, Slegers N, Costello M. (2011) A method for defining wind turbine setback standards. Wind energy 10.1002/we.468

### **2.2.2 Informative**

None

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## **2.3 DEFINITIONS**

<b>Definition</b>	<b>Description</b>
Setback	The minimum distance between a wind turbine and boundary line/dwelling/road/infrastructure/servitude etc.
Flicker	Effect caused when rotating wind turbine blades periodically cast shadows
Tip Height	The total height of the wind turbine ie. Hub height plus half rotor diameter (see Figure1)

### **2.3.1 Disclosure Classification**

**Controlled disclosure:** controlled disclosure to external parties (either enforced by law, or discretionary).

## **2.4 ABBREVIATIONS**

<b>Abbreviation</b>	<b>Description</b>
None	

## **2.5 ROLES AND RESPONSIBILITIES**

All parties involved in the positioning wind turbines, concentrated solar plants and photovoltaic plants near power lines/substations should endeavour to follow the setbacks outlined in this guideline.

## **2.6 PROCESS FOR MONITORING**

Agreement by Eskom in writing on any encroachment of the setbacks distance should be requested via the Grid Access Unit. Eskom should ensure that every application for renewable energy (RE) developments are informed about the existence of the setbacks document early in the RE planning process to ensure maximum effect. This includes Eskom RE development.

## **2.7 RELATED/SUPPORTING DOCUMENTS**

None

## **3. DOCUMENT CONTENT**

### **3.1 INTERNATIONAL SETBACK COMPARISON**

Wind Turbine setbacks employed by various countries were considered. It was found that setbacks were determined for various reasons that include noise, flicker, turbine blade failure and wind effects as well as

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future network expansion planning. The distances (setbacks) varied based on these factors and were influenced by the type of infrastructure

Wind turbine setbacks varied for roads, power lines, dwellings, buildings and property and it was noted that the largest setbacks were employed for reasons of noise and flicker related issues [1-7]. Very few countries specified setbacks for power lines.

The literature survey [1-7], yielded information about studies and experiments were conducted to determine the distance that a broken fragment from a wind turbine might be thrown. Even though of low probability of hitting a power line [ $5.0 \times 10^{-5}$  <sup>[8]</sup>], the distances recorded were significant [750m <sup>[8]</sup>]

Wind turbines may also cause changes in wind patterns with turbulent effects behind the hub. These factors influence the wind turbine setbacks specified in this document.

Setbacks were thus introduced to prevent any damage to Eskom infrastructure and impedence to operation and future network expansion planning.

Renewable energy plant can also limit access into substations for power lines of all voltages. A setback distance should therefore be employed to prevent substations from being boxed in by these generation plants and preventing future network expansion. These setback distances are specified in this document.

### **3.2 ESKOM RECOMMENDED SETBACKS**

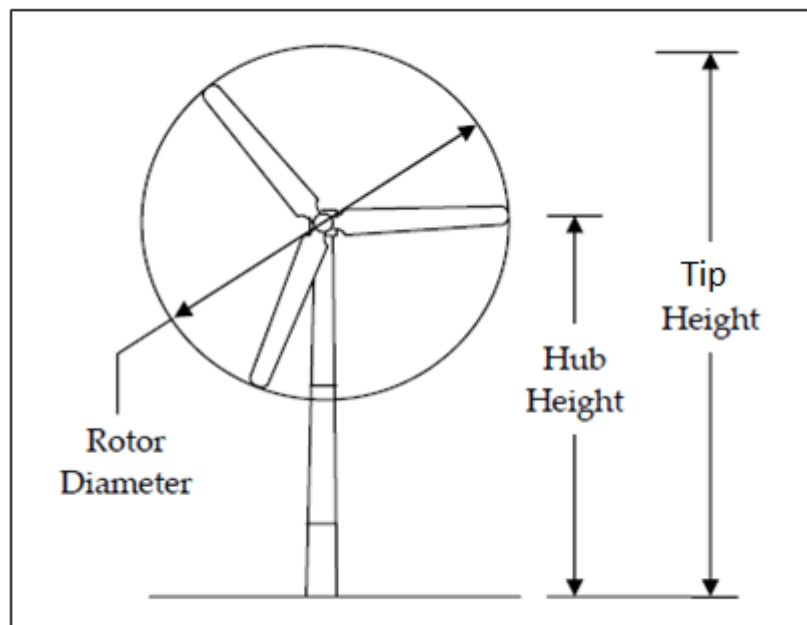
Any renewable energy applicant should engage with Eskom to determine if their plant layout or positioning of turbines, CSP or PV infrastructure would encroach on the proposed setbacks provided for in this guideline and to ensure that their planning and Eskom's future expansion planning is taken into account. Eskom must inform all renewable energy developers, including Eskom RE, of the existence of the setbacks guideline early in the development process. Should there be an encroachment, a formal request should be sent to and accepted by Eskom in writing if any of the below mentioned setback distances are infringed upon:

- Eskom requests a setback distance of 3 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for transmission lines (220kV to 765kV) and Substations.
- Eskom requests a setback distance of 1 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for distribution lines (66 kV to 132 kV) and Substations.

#### **CONTROLLED DISCLOSURE**

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- A written request should be sent to Eskom via the Grid Access Unit regarding any proposed wind turbine, concentrated solar plants and photovoltaic activity within a 5 km radius of a substation for Eskom to comment on.
- Where concentrated solar plants, photovoltaic structures, battery storage systems (BESS) and other renewable generation plants fall within a 2 km radius of the closest point of a transmission or distribution substation (66kV to 765kV), a written agreement with Eskom is recommended during the planning phase of such plant or structures to ensure Eskom's future planning is not impeded.
- Applicants should not position any wind turbine in the line of site between and two Eskom Radio Telecommunication masts. It should be proven that Eskom radio telecommunication systems (mainly microwave systems) will not be affected in any way by wind turbines due to the criticality of this infrastructure in terms of network operation. Eskom Telecommunications should be engaged on this matter.
- If the position or size of any turbine changes and subsequently infringes on any of the above stated setbacks, a request for relaxation must be sent through to Eskom as per the point mentioned above.



**Figure 1: Horizontal Axis Wind Turbine <sup>[2]</sup>**

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#### 4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
V Naidoo	Chief Engineer
Dr P Pretorius	Electrical Specialist
J Geeringh	Snr Consultant Environ Mngt
B Haridass	Snr Consultant Engineer
B Ntshuntsha	Chief Engineer
R Vajeth	Snr Manager (Lines)
D A Tunnicliff	Snr Manager L&R (Acting)
B Branfield	Snr Consultant Engineer

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2013	0	J W Chetty	First Publication - No renewable energy generation plant setback specification in existence.
October 2018	1	JW Chetty	Modification to sub-section 3.2 to provide more clarity for application procedure.
June 2020	2	JW Chetty	Content within the guideline was re-worded to explain the benefits of mutual agreements between the applicants and ESKOM rather than the application being a legal obligation.

#### 6. DEVELOPMENT TEAM

The following people were involved in the development of this document:

Jonathan Chetty (Mechanical Engineer)

Vivendhra Naidoo (Chief Engineer)

Dr Pieter Pretorius (Electrical Specialist)

John Geeringh (Snr Consultant Environ Mngt)

Bharat Haridass (Snr Consultant Engineer)

Riaz Vajeth (Snr Manager (Lines))

Bruce Ntshuntsha (Chief Engineer)

David Tunnicliff (Snr Manager L&R Acting)

#### **CONTROLLED DISCLOSURE**

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**Jacqui Davis**

---

**From:** Lehlohonolo Roestof (L) <RoestLB5@telkom.co.za>  
**Sent:** Tuesday, 05 April 2022 06:48  
**To:** Donovan Henning  
**Subject:** OPY0178-22 PARYS SOLAR ENERGY

Good day

This is an acknowledgement mail, your ref for the application in PARYS is OPY0178-22 for further enquiries.

Regards

Lehlohonolo Roestof  
Mvelaphanda Wayleave Officer  
081 438 3017

**PROPOSED ALTINA 120MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR  
ORKNEY, FREE STATE PROVINCE**

**REPLY FORM**

<b>Official use</b>	<b>Date received</b>	<b>Our reference</b>	<b>Status</b>

**Note:** The purpose of the Reply Form includes the following:

1. Registration of Interested and Affected Parties; and
2. Allows for comments and concerns to be raised regarding the proposed Project.

**1) GENERAL INFORMATION**

<b>Name of organisation (if applicable)</b>	Fezile Dabi District municipality
<b>Name &amp; Surname</b>	Melbo Gina Mkhatshe
<b>Postal Address</b>	21 poegreter street; sasolburg 1947
<b>Physical Address (please provide full farm description, if applicable)</b>	Cnr. President brand and ficherde streets; sasolburg; 1947
<b>Telephone No.</b>	016 970 8859
<b>Mobile No.</b>	0827169124
<b>Fax No.</b>	
<b>Email Address</b>	melbom@feziledabi.gov.za

## 2) COMMENTS

2.1) Potential issues or concerns associated with the Project?

Solar energy has significant environmental benefits compared to conventional coal based energy sources; however; loss of natural habitat; water pollution from hazardous materials; Change in ecosystem due to change in land use pattern are few matters of interest.

2.2) Specific requirements in terms of the environmental assessments?

2.3) Key stakeholders to be engaged with (provide contact details, if possible)?

1. Nkwatha Local Municipality
2. Neighboring farmers
- 3 - any organised groups in the area.

2.4) General Comments (Note - additional pages may be included if the space provided is insufficient)

Signature



Date

10 May 2022

— Thank you for your participation —

## Jacqui Davis

---

**From:** Natasha Higgitt <nhiggitt@sahra.org.za>  
**Sent:** Friday, 01 April 2022 09:34  
**To:** Donovan Henning  
**Cc:** Sityhilelo Ngcatsha  
**Subject:** RE: Announcement: Proposed Parys 360MW Solar PV Project, Free State

**Importance:** Low

Good morning,

Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: <http://sahra.org.za/sahris/>. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions.

Please create an application on SAHRIS and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA.

Once all documents including all appendices are uploaded to the case application, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application.

---

**From:** Donovan Henning <DonavanH@nema.co.za>  
**Sent:** 31 March 2022 16:48  
**Subject:** Announcement: Proposed Parys 360MW Solar PV Project, Free State

## NOTICE OF ENVIRONMENTAL ASSESSMENTS

### PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE

Notice is hereby given in terms of the following:

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#### **PROJECT OVERVIEW:**

Please refer to the attached Background Information Document.

Genesis Eco-Energy Developments (Pty) Ltd (the Applicant) has proposed the development of the Parys 360MW Solar PV Project near the town of Parys, within the Ngwathe Local Municipality and Fezile Dabi District Municipality in the Free State Province. The proposed PV Site is located on the Remainder of the Farm Leeuwkuil 76.

The associated infrastructure includes access roads, overhead power line, on-site substation and on-site buildings and structures (amongst others). The electricity generated by the proposed Project will be injected into the existing Eskom 132 kV distribution system.

The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within South Africa.

#### **ENVIRONMENTAL ASSESSMENTS:**

Nemai Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the following environmental processes for the proposed Project:

1. A Scoping and Environmental Impact Reporting Process in terms of the EIA Regulations of 2014 (as amended) to seek Environmental Authorisation for the Project in terms of the NEMA, where the mandated authority is the Department of Forestry, Fisheries and the Environment (DFFE); and
2. A Water Use Licence Application (WULA) in terms of the NWA for water uses associated with the Project, where the mandated authority is the Department of Water and Sanitation (DWS).

#### **REGISTRATION AS AN INTERESTED AND AFFECTED PARTY:**

In order to ensure that you are registered as an Interested and Affected Party, please submit your name, contact information and interest in the proposed Project to the contact person below by 5 May 2022. You are welcome to use the attached Reply Form for this purpose.

#### **CONTACT DETAILS OF EAP:**

*Donavan Henning*  
(011) 781 1730  
(011) 781 1731  
[donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)  
PO Box 1673,  
Sunninghill, 2157

**Contact Person:**

**Tel:**

**Fax:**

**Email:**

**Postal Address:**

# NEMAI GREEN

Environmental Solutions for a Sustainable Future



## Natasha Higgitt

Heritage Officer: Archaeology, Palaeontology and  
Meteorites Unit



**T:** +27 21 462 4502/ 8660  
**M:** +27 82 507 0378  
**E:** [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
**A:** SAHRA, 111 Harrington Street, Cape Town, 8001,  
Western Cape, ZA  
**[www.sahra.org.za](http://www.sahra.org.za)**

**SAHRA EMAIL DISCLAIMER**  
**SAHRA PRIVACY POLICY**

## Jacqui Davis

---

**From:** Sabata Lehloma Transnet Property BLM <Sabata.Lehloma@transnet.net>  
**Sent:** Tuesday, 05 April 2022 14:46  
**To:** Donovan Henning  
**Cc:** Yolanda Potgieter Transnet Freight Rail BLM; Andre Bodenstein \*Transnet Property BLM  
**Subject:** RE: Announcement: Proposed Parys 360MW Solar PV Project, Free State  
**Attachments:** Parys.jpg

Good morning Donovan,

Please find attached is Google earth Snapshot showing the distance between the area of the proposed development and Transnet's nearest boundary line ( In Green).

**Yolanda Please Note.**

For office filing purposes. Please find our office file number. **LS.BFX.25/7/417**



**Sabata Raymond Lehloma**

Property Technician

Transnet Property

4 Glen Road, Hilton, Bloemfontein

**T** +27 (0) 51 408 2820 **M** +27 (0) 63 605 9183 **E** [sabata.lehloma@transnet.net](mailto:sabata.lehloma@transnet.net)

---

**From:** Donovan Henning <DonavanH@nemai.co.za>  
**Sent:** Monday, 04 April 2022 09:09  
**To:** Sabata Lehloma Transnet Property BLM <Sabata.Lehloma@transnet.net>  
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**Subject:** RE: Announcement: Proposed Parys 360MW Solar PV Project, Free State

"External email: Open with Caution"

---

Dear Sebata

Please find attached the kml file of the property boundary for the proposed Solar PV site.

Regards  
Donovan Henning

**Nemai Consulting**

*Tel : +27 11 781 1730*

*Fax : +27 11 781 1731*

*Mobile : +27 82 891 0604*

*Email : [donavanh@nemai.co.za](mailto:donavanh@nemai.co.za)*

*Address : 147 Bram Fischer Drive Ferndale, 2194, South Africa*

*Postal Address : PO Box 1673, Sunninghill, 2157*



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**Sent:** Monday, April 4, 2022 7:47 AM

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**From:** Donovan Henning <[DonavanH@nemai.co.za](mailto:DonavanH@nemai.co.za)>

**Sent:** Thursday, 31 March 2022 16:51

**Subject:** Announcement: Proposed Parys 360MW Solar PV Project, Free State

"External email: Open with Caution"

---

## NOTICE OF ENVIRONMENTAL ASSESSMENTS

### **PROPOSED PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT NEAR THE TOWN OF PARYS, FREE STATE PROVINCE**

Notice is hereby given in terms of the following:

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- The National Water Act (Act No. 36 of 1998) (NWA).

#### **PROJECT OVERVIEW:**

Please refer to the attached Background Information Document.

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The Applicant intends to bid for Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within South Africa.

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# NEMAI GREEN

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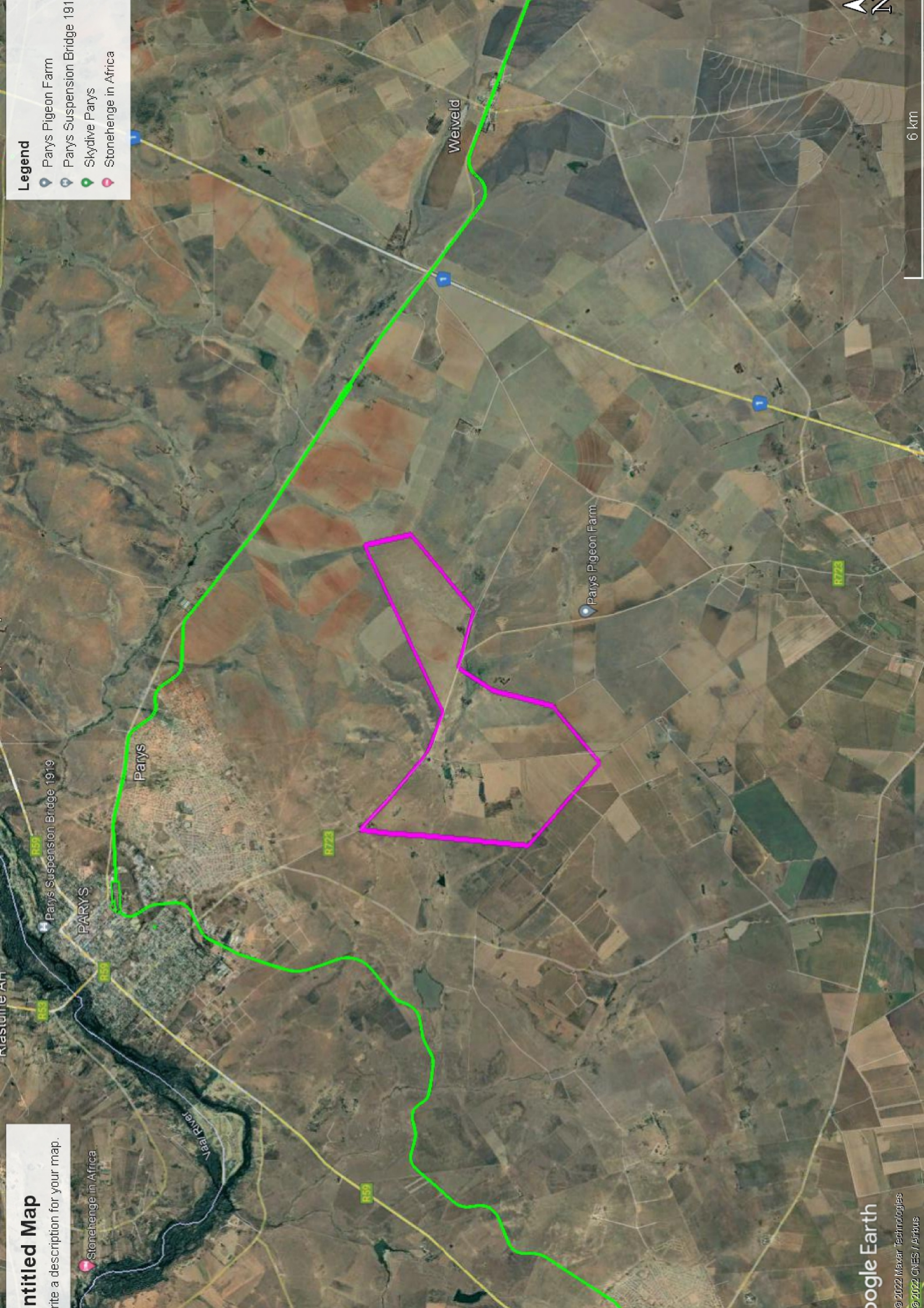


# Untitled Map

Write a description for your map.

## Legend

- Parys Pigeon Farm
- Parys Suspension Bridge 1919
- Skydive Parys
- Stonehenge in Africa







Ruler

Line Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length:	14.45	Meters
Ground Length:	14.45	
Heading:	44.78	degrees

☒ Mouse Navigation

Image © 2022 Maxar Technologies

## Jacqui Davis

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Regards  
Donovan Henning

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**Jacqui Davis**

---

**From:** Thami Hadebe Transnet Pipelines DBN <Thami.Hadebe@transnet.net>  
**Sent:** Friday, 01 April 2022 09:57  
**To:** Donovan Henning  
**Subject:** RE: Announcement: Proposed Parys 360MW Solar PV Project, Free State

Dear Mr Henning,

Your wayleave application/background information document dated 31 March 2022 has reference.

Transnet Pipelines, a division of Transnet SOC Limited, is not affected by the proposal.

Your awareness of the existence of Transnet's pipeline servitudes and concern for their integrity is highly appreciated.

**This authorisation shall be valid for 48 months from the date - 01 April 2022.**

Yours Sincerely  
Mr MT (Thami) Hadebe  
Tel: 031 – 361 1454



TRANSNET HAS A 'ZERO GIFTS' POLICY. NO EMPLOYEE IS ALLOWED TO ACCEPT GIFTS, FAVOURS OR BENEFITS

---

**From:** Donovan Henning <DonavanH@nemail.co.za>  
**Sent:** Thursday, 31 March 2022 4:51 PM  
**Subject:** Announcement: Proposed Parys 360MW Solar PV Project, Free State

"External email: Open with Caution"

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**Contact Person:**

**Tel:**

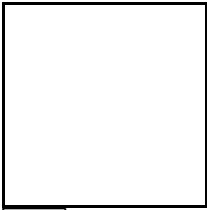
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## **APPENDIX E5: Comments and Responses Report**

---



PROPOSED PARYS UP TO 200MW SOLAR PHOTOVOLTAIC  
(PV) AND BATTERY ENERGY STORAGE SYSTEM (BESS)  
HYBRID PROJECT NEAR THE TOWN OF PARYS, FREE  
STATE PROVINCE

**COMMENTS AND RESPONSES REPORT**  
SCOPING REPORT

SEPTEMBER 2022



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3	COMMENTS AND RESPONSES REPORT .....	1
4	COMMENTS AND RESPONSES – ANNOUNCEMENT PHASE .....	2

## **1 INTRODUCTION**

---

Genesis Eco-Energy Developments (Pty) Ltd (the Applicant) has proposed the development of the Parys up to 200MW Solar PV Project and BESS near the town of Parys, in the Free State Province (the “Project”). The electricity generated by the Project will be injected into the existing Eskom 132 kV distribution system.

The Applicant intends to bid for the Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and /or other renewable energy markets within SA, such as the Corporate and Industrial (C&I) Sector.

## **2 SCOPING AND ENVIRONMENTAL IMPACT REPORTING PROCESS**

---

An Application for Environmental Authorisation in terms of the National Environmental Management Act (Act No. 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations of 2014 (as amended) has been made for the proposed Project. In terms of the aforementioned Act, the lead decision-making authority for the environmental assessment is the Department of Forestry, Fisheries and the Environment (DFFE).

The process for seeking authorisation is being undertaken in accordance with Government Notice No. R. 982 of 4 December 2014 (as amended). Based on the types of activities involved, the requisite environmental assessment for the Project is a Scoping and Environmental Impact Reporting (S&EIR) Process.

Nemai Green was appointed by the Applicant as the Environmental Assessment Practitioner (EAP) to undertake the S&EIR Process for the proposed Project.

## **3 COMMENTS AND RESPONSES REPORT**

---

This Comments and Responses Report (CRR), which accompanies the draft Scoping Report, serves to record the comments received from authorities and Interested and Affected Parties (I&APs) during the Announcement Phase of the S&EIR Process. This CRR also attempts to address these comments through responses and input provided by the Applicant, project team, EAP and environmental specialists (as relevant).

The CRR will be updated during the course of the S&EIR process.

#### 4 COMMENTS AND RESPONSES – ANNOUNCEMENT PHASE

The Announcement Phase, which was undertaken from 31 March to 5 May 2022, served to obtain upfront comments from authorities and I&APs regarding the proposed Project to understand potential concerns and to guide the environmental assessment.

No.	COMMENT / QUERY / ISSUE	RAISED BY	SOURCE	RESPONSE BY	RESPONSE
1.	Can you please send the title deeds to enable the Department to consider the application?	A. Geertsema (DALRRD)	Email (01-04-22)	Nemai Green	The title deed information (in the form of a Windeed report) was submitted to A. Geertsema by Nemai Green.
2.	<p>DFFE Directorate: Biodiversity Conservation would like to register as the I&amp;AP for the mentioned project. Kindly notify and email us the link containing the report as soon as it becomes available.</p> <p>Please note that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr. Seoka Lekota.</p>	BC Admin (Biodiversity Conservation, Mainstreaming EIA, DFFE)	Email (01-04-22)	Nemai Green	<p>We confirm that DFFE Directorate: Biodiversity Conservation has been added as a registered I&amp;AP for the Project. Mr. Seoka Lekota is included in the database of authorities.</p> <p>A copy of the draft Scoping Report will be submitted to the DFFE Directorate: Biodiversity Conservation.</p>
3.	<p>National Treasury has published an instruction (no. 15 of 2016/17) effective from the 1<sup>st</sup> of February 2017 that steel products and components for construction have been designated, to achieve job preservation and job creation. How will you ensure that a material used in this project will be procured from local manufacturers?</p> <p>Will BEE be a consideration for procurement of goods and services?</p> <p>Will the names of consulting engineers be made public?</p> <p>Will this be a turnkey project, or will goods &amp; services be procured from companies who specialise in a specific product or service, to avoid overspending?</p> <p>To engage with reputable manufacturers of transmission and distribution line hardware, please visit Powerline Association of SA (POLASA). POLASA provides all the stakeholders in the power line industry with a common platform to address matters of common interest and concern. Core activities include continuous improvement of the industry in terms of quality, productivity, investment, job creation, skills development and retention, technological development, safety and social responsibility which could include assisting members to achieve their transformation aspirations.</p> <p>You can also request Eskom to provide you with the 'LAP LIST' which</p>	A. Gassiep (George Stott and Company)	Reply Form (05-04-22)	Genesis Eco-Energy Developments (Pty) Ltd	<p>We confirm that you and the additional contact person you provided have been added as registered I&amp;APs for the Project.</p> <p>Thank you for your comments and queries. The Applicant will provide a full response in the Final Scoping Report CRR.</p>

No.	COMMENT / QUERY / ISSUE	RAISED BY	SOURCE	RESPONSE BY	RESPONSE
	listed all of Eskom's approved suppliers that were vetted between 2010-2012.				
4.	The Department hereby acknowledge receipt of your application for Leeuwkuil 76 (Parys 360MW Solar Pv Project).  The reference number for your application is: 2022_05_0104	AgriLand System (DALRRD)	Email (26-05-22)	Nemai Green	It is noted that the reference number is provided. It should be noted that the project capacity has reduced to up to 200MW for PV and BESS combined.
5.	RE: WAYLEAVE APPLICATION - Ref: PARYS 360MW SOLAR PHOTOVOLTAIC (PV) PROJECT PARYS, FREE STATE PROVINCE Your e-mail dated 31 March 2022 regarding above mentioned project hereby refers. Eskom Distribution (Dx) has no objection to the proposed project. Eskom services are affected as per the attached sketch. However, please adhere to Eskom's conditions and treat Eskom's powerlines as live at all times and keep a building restriction of 9 meters on either sides of the power line for 11Kv lines and 18 meters on either sides of power line for 132Kv lines <ul style="list-style-type: none"> <li>Numerous 132 kV and 11kV lines are affected</li> </ul> Please find Eskom's conditions which must always be respected when working near or closer to our services: 1. Eskom Dx shall at all times retain unobstructed access to and egress from its servitudes. 2. Eskom Dx's consent does not relieve the applicant from obtaining the necessary statutory, land owner or municipal approvals. 3. The applicant will adhere to all relevant environmental legislation. Any cost incurred by Eskom Dx as a result of non-compliance will be charged to the applicant. 4. No drilling shall take place within 11 metres from any Eskom Dx power line structure, 5. All work within Eskom Dx's servitude areas shall comply with the relevant Eskom earthing standards in force at the time. 6. If Eskom Dx has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the applicant's activities or because of the presence of his equipment or installation within the servitude area, the applicant shall pay such costs to Eskom Dx on demand. 7. The use of explosives of any type within 500metres of Eskom Dx's services shall only occur with Eskom Dx's prior written permission. If such permission is granted the applicant must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting	R de Bruin (Eskom SOC Ltd)	Letter (04-04-22)	Nemai Green	It is noted that Eskom has not objection to the proposed project. The Project layout takes into consideration Eskom's existing distribution lines.  The Applicant is to adhere to Eskom's requirements and conditions when working near existing distribution lines.



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	<p>process. If blasting becomes necessary, application in this regard should be made separately.</p> <p>8. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom Dx's requirements.</p> <p>9. Eskom Dx shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the applicant, his/her agent, contractors, employees, successors in title, and assigns. The applicant indemnifies Eskom Dx against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom Dx's services or apparatus or otherwise. Eskom Dx will not be held responsible for damage to the applicant's equipment.</p> <p>10. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom Dx's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the applicant must give at least seven working days prior notice of the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Technical Service Centre.</p> <p>11. No work shall commence unless Eskom Dx has received the applicant's written acceptance of the conditions specified in the letter of consent and/or permit.</p> <p>12. Eskom Dx's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with. Note: Where an electrical outage is required, at least fourteen work days are required to arrange same.</p> <p>13. Under no circumstances shall rubble, earth or other material be dumped within the servitude area. The applicant shall maintain the area concerned to Eskom Dx's satisfaction. The applicant shall be liable to Eskom Dx for the cost of any remedial action which has to be carried out by Eskom Dx.</p> <p>14. The clearances between Eskom Dx's live electrical equipment and the proposed construction work shall be observed as stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993).</p> <p>15. Eskom shall be regarded electrically live and therefore dangerous at all times.</p>				

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	<p>16. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as additional safety precaution, Eskom Dx will not approve the erection of houses or structures occupied or frequented by human beings under the power lines or within the servitude area.</p> <p>17. Eskom Dx may stipulate any additional requirements to illuminate any possible exposure to Customers or Public to coming into contact or be exposed to any dangers to Eskom plant.</p> <p>18. It is required of the applicant to familiarise him/herself with all safety hazards related to Electrical plant.</p> <p>Should the applicant or his/her contractor damage any of Eskom's services during execution of any work whatsoever, the incident must be reported to Eskom's Technical service centre, George Wilson @051-404 5001 and 076 903 0339 immediately. The same person must be contacted before commencement of the project as well.</p> <p>For the re-location of any Eskom's services, our customer service centre should be contacted on 051-404 2211.</p> <p>The above conditions should be accepted in writing before any work within Eskom Services commences and the Technical service centre must be informed of the future activities.</p> <p>For any further information please contact the writer at the above mentioned telephone number.</p>				
6.	My name is Godfrey from Parys in schonkenville near the leeuwkuil farm, I would like to apply or propose for the site contracting, I'm confident that I meet the desired requirements for any job that can be offered, I'm available for any job offered to me, I'm available for the interview if required , my company name is Tyelinzima holdings Pty Ltd, I'm available for the interview if required my contact details are thank you	G. Kelezema (Tyelinzima holdings Pty Ltd)	Email (11-05-22)	Nemai Green	Our company is undertaking the Environmental Impact Assessment (EIA) for this proposed Project. We are not involved with the construction phase or the appointment of contractors. Nonetheless, we take note of your correspondence. Your email will be provided to the Applicant.
7.	Toegangroetes van huis na dorp loop deur Leeukruil. Hou my op hoogte van alle besluite.	G.H. vd Westhuizen (Adjacent Landowner)	Reply Form (27-04-22)	Nemai Green	We confirm you have been added as a registered I&AP, and you will therefore be included in all Project related correspondence concerning the Scoping and EIA process. We note your comment regarding your entrance being through Leeukruil farm.
8.	Please send me KMZ files of the proposed development and grid connection. Please find attached Eskom requirements for work at or near Eskom infrastructure and servitudes, as well as the Eskom setbacks guideline for renewable energy developments.	J. Geeringh (Grid Planning: Land and Rights Eskom)	Email (11-04-22)	Nemai Green	A KMZ and PDF file of the Project layout was sent via email. It is proposed for the project to connect to the Parys Rural 132/11 Kv Substation.

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		Transmission Division)			<p>It should be noted that the layout of the Project has since been revised. Please refer to the Draft Scoping Report for the amended layout.</p> <p>The two documents you shared are noted and have been shared with the Project Applicant. The Applicant is to adhere to Eskom's requirements for working at or near Eskom infrastructure and servitudes, as well as the Eskom setbacks guideline for renewable energy developments.</p>
9.	This is an acknowledgement mail, your ref for the application in PARYS is OPY0178-22 for further enquiries.	L. Roestof (Mvelaphanda Wayleave Officer, Telkom)	Email (05-04-22)	Nemai Green	Your email response is noted.
10.	Solar energy has significant environmental benefits compared to conventional coal based energy sources. However, loss of natural habitat, water pollution from hazardous materials, change in ecosystem due to change in land use pattern are few matters of interest.	M. Mkhathshwa (Fezile Dabi District Municipality)	Reply Form (10-05-22)	Nemai Green	Your comments have been received and each of those concerns will be included for assessment in the EIA Phase. We confirm you have been added as a registered I&AP.
11.	<p>Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: <a href="http://sahra.org.za/sahris/">http://sahra.org.za/sahris/</a>. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions.</p> <p>Please create an application on SAHRIS and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA.</p> <p>Once all documents including all appendices are uploaded to the case application, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application.</p>	N. Higgitt (SAHRA)	Email (01-04-22)	Nemai Green	The SAHRA requirements are noted and will be followed.
12.	Please find attached is Google earth Snapshot showing the distance between the area of the proposed development and Transnet's nearest boundary line ( In Green).	S. Lehloma (Transnet)	Email (05-04-22)	Nemai Green	It is noted that the Project does not impact on Transnet infrastructure following the Google Earth Snapshot shared.
13.	Your wayleave application/background information document dated 31	T. Hadebe	Email	Nemai Green	It is noted that the Project does not impact on

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	<p>March 2022 has reference.</p> <p>Transnet Pipelines, a division of Transnet SOC Limited, is not affected by the proposal.</p> <p>Your awareness of the existence of Transnet's pipeline servitudes and concern for their integrity is highly appreciated.</p> <p>This authorisation shall be valid for 48 months from the date - 01 April 2022.</p>	(Transnet)	(01-04-22)		Transnet pipeline servitudes.