



## forestry, fisheries & the environment

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA ·0001· Environment House ·473 Steve Biko Road, Arcadia· PRETORIA

DFFE Reference: 14/12/16/3/3/1/2921

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Mr Dirk Muller  
K2022578692 South Africa (Pty) Ltd  
Unit 15, Canal Edge 2, Tyger Waterfront  
**BELLVILLE**  
**CAPE TOWN**  
7530

Cell phone Number: 079 367 2593  
Email Address: dirk@agv-za.co.za

### PER EMAIL / MAIL

Dear Mr Muller

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT NO. 107 OF 1998, AS AMENDED: FOR THE PROPOSED DEVELOPMENT OF UP TO 500MW RHENOSTERKOP SOLAR PHOTOVOLTAIC FACILITY AND ASSOCIATED INFRASTRUCTURE (CONSISTING OF UP TO 250MW RHINO PV ON REMAINDER OF FARM RHENOSTERKOP 155 AND UP TO 250MW SUNNYSIDE PV ON FARM 400) NEAR BEAUFORT WEST, WESTERN CAPE PROVINCE**

With reference to the above application, please be advised that the Department has decided to grant authorisation. The Environmental Authorisation (EA) and reasons for the decision are attached herewith.

In terms of Regulation 4(2) of the Environmental Impact Assessment Regulations, 2014, as amended (the EIA Regulations), you are instructed to notify all registered interested and affected parties, in writing and within fourteen (14) days of the date of the decision as well as the provisions regarding the submission of appeals that are contained in the Regulations.

In terms of the Promotion of Administrative Justice Act, Act No. 3 of 2000, you are entitled to the right to fair, lawful and reasonable administrative action; and to written reasons for administrative action that affects you negatively. Further your attention is drawn to the provisions of the Protection of Personal Information Act, Act No. 4 of 2013 which stipulate that the Department should conduct itself in a responsible manner when collecting, processing, storing, and sharing an individual or another entity's personal information by holding the Department accountable should the Department abuse or compromise your personal information in any way.

Your attention is drawn to Chapter 2 of National Environmental Management Act, Act No. 107 of 1998 National Appeal Regulations published under Government Notice R993 in Government Gazette No. 38303 dated 08 December 2014 (National Appeal Regulations, 2014), which prescribes the appeal procedure to be followed. Kindly include a copy of this document (National Appeal Regulations, 2014) with the letter of notification to interested and affected parties in this matter.

Should any person wish to lodge an appeal against this decision, he/she must submit the appeal to the appeal administrator, and a copy of the appeal to the applicant, any registered interested and affected party, and any organ of state with interest in the matter within 20 days from the date that the notification of the decision was sent to the registered interested and affected parties by the applicant; or the date that the notification of the decision was sent to the applicant by the Department, whichever is applicable.

**Appeals must be submitted in writing in the prescribed form to:**

The Director: Appeals and Legal Review of this Department at the below mentioned addresses.

By email: [appeals@dfre.gov.za](mailto:appeals@dfre.gov.za)

By hand: Environment House  
473 Steve Biko  
Arcadia  
Pretoria  
0083

or

By post: Private Bag X447  
Pretoria  
0001

Please note that in terms of Section 43(7) of the National Environmental Management Act, Act No. 107 of 1998, as amended, the lodging of an appeal will suspend the environmental authorisation, or any provision or condition attached thereto. In the instance where an appeal is lodged, you may not commence with the activity until such time that the appeal is finalised.

To obtain the prescribed appeal form and for guidance on the submission of appeals, please visit the Department's website at [https://www.environment.gov.za/documents/forms#legal\\_authorisations](https://www.environment.gov.za/documents/forms#legal_authorisations) or request a copy of the documents at [appeals@dfre.gov.za](mailto:appeals@dfre.gov.za)

Yours faithfully



**Mr Vusi Skosana**

**Acting Chief Director: Integrated Environmental Authorisations**  
**Department of Forestry, Fisheries, and the Environment**

Date: 16 May 2024

cc:	Ms Natalie Pullen	SIVEST SA (Pty) Ltd (SiVEST)	E-mail: <a href="mailto:nataliep@sivest.com">nataliep@sivest.com</a>
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## forestry, fisheries & the environment

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

# Environmental Authorisation

In terms of Regulation 25 of the NEMA Environmental Impact Assessment Regulations, 2014, as amended.

The development of up to 500MW Rhenosterkop Solar Photovoltaic facility and associated infrastructure (consisting of up to 250MW Rhino PV facility on remainder of farm Rhenosterkop 155 and up to 250MW Sunnyside PV facility on farm 400), near Beaufort West Local Municipality, Western Cape Province

### Central Karoo District Municipality

<b>Authorisation register number:</b>	14/12/16/3/3/1/2921
<b>Last amended:</b>	First issue
<b>Holder of authorisation:</b>	K2022578692 South Africa (Pty) Ltd
<b>Location of activity:</b>	Remainder of farm Rhenosterkop 155 (Rhino PV facility ) Farm 400 (Sunnyside PV facility) Within ward 2 of Beaufort West Local Municipality; Central Karoo District Municipality; Western Cape Province

This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity

## Decision

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this Environmental Authorisation, that the applicant should be authorised to undertake the activities specified below.

Non-compliance with a condition of this Environmental Authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, Act No. 107 of 1998, as amended and the EIA Regulations, 2014, as amended.

Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

## Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment Regulations, 2014, as amended, the Department hereby authorises –

**K2022578692 SOUTH AFRICA (PTY) LTD**

(hereafter referred to as the **holder of the authorisation**)

with the following contact details –

Mr Dirk Muller  
K2022578692 South Africa (Pty) Ltd  
Unit 15, Canal Edge 2, Tyger Waterfront  
**BELLVILLE**  
**CAPE TOWN**  
7530

**Cell phone Number:** 079 367 2593

**Email Address:** dirk@agv-za.co.za

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to undertake the following activities (hereafter referred to as “the activity”) indicated in Listing Notice 1, Listing Notice 2 and Listing Notice 3 of the NEMA EIA Regulations, 2014 as amended:

Activity number	Activity description	
	Rhino PV	Sunnyside PV
<p><u>Listing Notice 1, Item 11</u></p> <p><i>“The development of facilities or infrastructure for the transmission and distribution of electricity</i></p> <p><i>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts.”</i></p>	<p>The developer proposes to install 33 kV MV underground cables and 132 kV on-site substation.</p>	<p>The developer proposes to install 33 kV MV underground cables and 132 kV on-site substation.</p>
<p><u>Listing Notice 1, Item 12.(ii)(a)(c)</u></p> <p><i>The development of:</i></p> <p><i>(ii) infrastructure or structures with a physical footprint of 100 square metres (m<sup>2</sup>) or more; where such development occurs:</i></p> <p><i>(a) within a watercourse;</i></p> <p><i>(c) if no development setback exists, within 32 m of a watercourse, measured from the edge of a watercourse</i></p>	<p>Drainage lines were delineated within and outside the site, the development will include developing over drainage lines.</p>	<p>Wetland and drainage lines were delineated within and outside the sites, the development will encroach wetlands and include developing over drainage lines.</p>
<p><u>Listing Notice 1, Item 19</u></p> <p><i>The infilling or depositing of any material of more than 10 cubic metres (m<sup>3</sup>) into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 m<sup>3</sup> from a watercourse.</i></p>	<p>Drainage lines were delineated within and outside the site, some drainage lines are envisaged to be infilled</p>	<p>Drainage lines and wetlands were delineated within and outside the sites, the development will either encroach the wetlands and some drainage lines are envisaged to be infilled on both sites.</p>
<p><u>Listing Notice 1, Item 24.(ii)</u></p> <p>The development of a road:</p>	<p>Access roads (upgrading) of 6 m to 8 m +/-15% are planned</p>	<p>Access roads (upgrading) of 6 m to 8 m +/-15% are planned as</p>

Activity number	Activity description	
	Rhino PV	Sunnyside PV
(ii) with a reserve wider than 13.5 m, or where no reserve exists where the road is wider than eight metres.	as part of the Rhino solar PV facility.	part of the Sunnyside solar PV facility.
<u>Listing Notice 1, Item 28.(ii)</u> Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development: (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 ha.	The proposed site is currently used and zoned for agricultural purposes, i.e., grazing. The proposed development will result in an area of agricultural land greater than 1 000 ha being transformed to industrial/commercial use.	The proposed sites are currently used and zoned for agricultural purposes, i.e., grazing. The proposed development will result in an area of agricultural land greater than 1 000 ha being transformed to industrial/commercial use.
<u>Listing Notice 1, Item 48.i.(a)(c)</u> The expansion of (i) infrastructure or structures where the physical footprint is expanded by 100 m <sup>2</sup> or more...where such expansion occurs (a) within a watercourse; or (c) if no development setback exists, within 32 m of a watercourse, measured from the edge of a watercourse...	The proposed development will entail the expansion (upgrading) of roads by approximately 186 000 m <sup>2</sup> within drainage lines	The proposed development will entail the expansion (upgrading) of roads by approximately 150 000 m <sup>2</sup> within drainage lines and 32 m from the edge of wetlands.
<u>Listing Notice 1, Item 56.(ii)</u> The widening of a road by more than six metres, or the lengthening of a road by more than 1 kilometre: (ii) where no reserve exists, where the existing road is wider than eight metres.	Internal and access roads (upgrade) of 4 m and 6 m to 8 m +/-15%, respectively, are planned as part of the SEF (36.26 km).	Internal and access roads (upgrade) of 4 m and 6 m to 8 m +/-15%, respectively, are planned as part of the SEF (44.26 km).
<u>Listing Notice 2, Item 1</u> The development of facilities or infrastructure for the generation of electricity from a renewable resource	The proposed development will entail the construction of a SEF where the respective	The proposed development will entail the construction of a SEF where the respective electricity

Activity number	Activity description	
	Rhino PV	Sunnyside PV
where the electricity output is 20 MW or more.	electricity output will be up to 250 MW. In addition, the proposed SEF development will be located outside urban areas.	output will be up to 250 MW. In addition, the proposed SEF development will be located outside urban areas.
<p><u>Listing Notice 2, Item 15</u></p> <p>The clearance of an area of 20 ha or more of indigenous vegetation.</p>	<p>Parts of the proposed site were delineated as "Grassy Shrubland" and "Arid Karoo Shrubland" with some designated "Calcrete Ridge" and "Degraded Sandveld". The site measures approximately 533.94 ha and therefore indigenous vegetation of approximately 533.94 ha of vegetation will be cleared in preparation for the development</p>	<p>Parts of the proposed site were delineated as "Grassy Shrubland" and "Arid Karoo Shrubland" with some designated "Calcrete Ridge" and "Degraded Sandveld". The site measures approximately 494.93 ha and therefore indigenous vegetation of approximately 494.93 ha of vegetation will be cleared in preparation for the development</p>
<p><u>Listing Notice 3, Item 4.i.ii.(aa)</u></p> <p>The development of a road wider than 4 m with a reserve less than 13.5 m.</p> <p>i. Western Cape</p> <p>ii. Areas outside urban areas;</p> <p>(aa) Areas containing indigenous vegetation.</p>	<p>Parts of the proposed site were delineated as "Grassy Shrubland" and "Arid Karoo Shrubland" with some designated "Calcrete Ridge" and "Degraded Sandveld". Access and internal roads (upgrading) of 6 to 8 m +/- 15% and 4 min width, respectively, are planned where indigenous vegetation exists on site.</p>	<p>Parts of the proposed site were delineated as "Grassy Shrubland" and "Arid Karoo Shrubland" with some designated "Calcrete Ridge" and "Degraded Sandveld". Access and internal roads (upgrading) of 6 to 8 m +/- 15% and 4 min width, respectively, are planned where indigenous vegetation exists on the sites</p>

Activity number	Activity description	
	Rhino PV	Sunnyside PV
<p><u>Li Listing Notice 3, Item 12.i.ii.</u></p> <p>The clearance of an area of 300 m<sup>2</sup> or more of indigenous vegetation...</p> <p>i. Western Cape</p> <p>ii. Within critical biodiversity areas (CBAs) identified in bioregional plans;</p>	<p>The clearance of an area of 300 m<sup>2</sup> or more of indigenous vegetation... i. Western Cape</p> <p>ii. Within critical biodiversity areas (CBAs) identified in bioregional plans;</p>	N/A
<p><u>Listing Notice 3, Item 14.(ii)(a)(c)i. i.(ff)</u></p> <p>The development of</p> <p>(ii) infrastructure or structures with a physical footprint of 10 m<sup>2</sup> or more; where such development occurs:</p> <p>(a) within a watercourse;</p> <p>(c) if no development setback has been adopted, within 32 m of a watercourse, measured from the edge of a watercourse...</p> <p>i. Western Cape</p> <p>i. Outside urban areas:</p> <p>(ff) CBAs or ecosystem service areas as identified in systematic biodiversity plans adopted by the CA or in bioregional plans.</p>	<p>The infrastructure development on site which encroaches a CBAs, is 5 611 700 m<sup>2</sup> and some will be situated within and in 32 m of wetlands. The site is situated 30 km outside of Beaufort West</p>	N/A
<p><u>Listing Notice 3, Item 18.(i)(i)(ii)(aa)</u></p> <p>The widening of a road by more than four metres, or the lengthening of a road by more than one kilometre.</p> <p>(i) Western Cape</p> <p>(i) Areas zoned for use as public open space or equivalent zoning;</p> <p>(ii) All areas outside urban areas:</p> <p>(aa) Areas containing indigenous vegetation.</p>	<p>Parts of the proposed site were delineated as "Grassy Shrubland" and "Arid Karoo Shrubland" with some designated "Calcrete Ridge" and "Degraded Sandveld". Access roads (upgrading) of 6 to 8 m +/- 15% are planned as part of the SEF (36.26 km).</p>	<p>Parts of the proposed site were delineated as "Grassy Shrubland" and "Arid Karoo Shrubland" with some designated "Calcrete Ridge" and "Degraded Sandveld". Access roads (upgrading) of 6 to 8 m +/- 15% are planned as part of the SEF (44.26 km) solar PV facility. The sites are</p>



Activity number	Activity description	
	Rhino PV	Sunnyside PV
	The site is situated 30 km outside of Beaufort West.	situated 27 km outside of Beaufort West.
<u>Listing Notice 3, Item 23.(ii)(a)(i)(i)(ff)</u> The expansion of: (ii) infrastructure or structures where the physical footprint is expanded by 10 square metres or more; where such expansion occurs: (a) within a watercourse; (i) Western Cape (i) Outside urban areas: (ff) CBAs or ecosystem service areas as identified in systematic biodiversity plans adopted by the CA or in bioregional plans;	Parts of the proposed site were delineated as "Grassy Shrubland" and "Arid Karoo Shrubland" with some designated "Calcrete Ridge" and "Degraded Sandveld". Drainage lines were also delineated on or in close proximity to site. The site encroaches a CBAs. Expansion (186 000 m <sup>2</sup> ) of existing internal roads is planned to occur within or close to these resources. The site is situated 30 km outside of Beaufort West.	N/A

As described in the Basic Assessment Report (BAR) dated 27 March 2024 at:

**SG 21 Digit Code, Farm Names & Portions**

PV Facility	Affected Farm Portion	SG Code
Rhino PV	Remainder of farm Rhenosterkop 155	C00900000000015500000
Sunnyside PV	Farm 400	C00900000000040000000

- for the development of up to 500MW Renosterkop Solar Photovoltaic facility and associated infrastructure (consisting of up to 250MW Rhino PV on remainder of farm Rhenosterkop155 and up to 250MW Sunnyside PV" on farm 400), Beaufort West Local Municipality, Western Cape Province, hereafter referred to as "the property" (coordinates attached as annexure 3)

The key components of the development of up to 500MW Renosterkop PV Facility and associated infrastructures will comprise of the following:

Project Component	Rhino PV	Sunnyside PV
PV panels	<ul style="list-style-type: none"> <li>• Mono- or bifacial panels will be used, not thin film.</li> <li>• Panel width and height (TBC during detail design phase).</li> <li>• Expected panel dimensions: o Width: 1 – 1.3 metres (m) o Height: 2 – 2.4 m</li> </ul>	<ul style="list-style-type: none"> <li>• Mono- or bifacial panels will be used, not thin film.</li> <li>• Panel width and height (TBC during detail design phase).</li> <li>• Expected panel dimensions: o Width: 1 – 1.3 metres (m) o Height: 2 – 2.4 m</li> </ul>
Access Road	<ul style="list-style-type: none"> <li>• 6 – 8 m access roads +/-15%</li> <li>• 4 m internal roads</li> <li>• Turn southward off from N1, 30 km outside Beaufort-West, between Beaufort-West and Three Sisters. This will lead to a Transnet service road used by the local population for access to farms and smallholdings. The site will be located immediately to the right at the T-junction of the road that connects the service road and the N1</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• 6 – 8 m access roads +/-15%</li> <li>• 4 m internal roads</li> <li>• Approximately 3.2 km outside Beaufort-West on the R61, turn onto the Hopewell Road in an Eastern direction. After 24.1 km, turn right onto Farm 400 through the gate to the farm. This will be the main access point to the site.</li> </ul>
Onsite substation	<ul style="list-style-type: none"> <li>• One 132 kilovolt (kV)</li> <li>• 21 m height</li> <li>• 1 ha</li> <li>• Substation will step up voltage from 33 to 132 kV</li> </ul>	<ul style="list-style-type: none"> <li>• One 132 kilovolt (kV)</li> <li>• 21 m height</li> <li>• 1 ha</li> <li>• Substation will step up voltage from 33 to 132 kV</li> </ul>

	<ul style="list-style-type: none"> <li>• Various transformers will be located within the PV area. These will combine the power from multiple inverters and step up the supply voltage from 800 volts to 33 kV. The expected capacity of these transformers are in the range of 2.5 megavolt ampere each. Note that the voltage levels are estimates and subject to confirmation/ change during the detail design phase of the project.</li> </ul>	<ul style="list-style-type: none"> <li>• Various transformers will be located within the PV area. These will combine the power from multiple inverters and step up the supply voltage from 800 volts to 33 kV. The expected capacity of these transformers are in the range of 2.5 megavolt ampere each. Note that the voltage levels are estimates and subject to confirmation/ change during the detail design phase of the project.</li> </ul>
Construction camp	<ul style="list-style-type: none"> <li>• 1 per site</li> <li>• Temporary containers: 1 ha per site</li> </ul>	<ul style="list-style-type: none"> <li>• 1 per site</li> <li>• Temporary containers: 1 ha per site</li> </ul>
Temporary construction laydown / staging area	<ul style="list-style-type: none"> <li>• 2 ha within the development area –</li> <li>• laydown (x2)</li> </ul>	<ul style="list-style-type: none"> <li>• 2 ha within the development area –</li> <li>• laydown (x1)</li> </ul>
Operations and Maintenance (O&M) buildings	<ul style="list-style-type: none"> <li>• 1 ha construction camps will become the operational site camp offices, workshop areas, O&amp;M building, permanent parking area, storage area On-site Independent Power Producer Electrical infrastructure.</li> </ul>	<ul style="list-style-type: none"> <li>• 1 ha construction camps will become the operational site camp offices, workshop areas, O&amp;M building, permanent parking area, storage area On-site Independent Power Producer Electrical infrastructure.</li> </ul>
Internal Cabling	<ul style="list-style-type: none"> <li>• Medium voltage (MV) cabling will link the PV installation with the grid connection infrastructure at 33 kV</li> <li>• The grid connection infrastructure will step up the</li> </ul>	<ul style="list-style-type: none"> <li>• Medium voltage (MV) cabling will link the PV installation with the grid connection infrastructure at 33 kV</li> <li>• The grid connection infrastructure will step up the</li> </ul>

	voltage to 132 kV, high voltage	voltage to 132 kV, high voltage •
Fencing	<ul style="list-style-type: none"> <li>• Triple wire fence, electrical fencing</li> <li>• Length – Rhino PV at 11 076 m</li> <li>• Maximum height 3 m</li> </ul>	<ul style="list-style-type: none"> <li>• Triple wire fence, electrical fencing</li> <li>• Length –Sunnyside PV west at 11 408.45 m and east 3 959 m</li> <li>• Maximum height 3 m</li> </ul>
Proximity to grid connection	<p>The facility is planned to connect to a Main Transmission Substation (MTS) which will be established near the project site. It is intended that the new MTS will tie in via loop-in-loop-out connection to the existing Droërivier/Hydra 400 kV lines. Alternatively, the project can tie into the existing Droërivier MTS via a 132 kV connection <b>[Grid connection is subject to a sperate environmental assessment process].</b></p>	<p>The facility is planned to connect to a Main Transmission Substation (MTS) which will be established near the project site. It is intended that the new MTS will tie in via loop-in-loop-out connection to the existing Droërivier/Hydra 400 kV lines. Alternatively, the project can tie into the existing Droërivier MTS via a 132 kV connection <b>[Grid connection is subject to a sperate environmental assessment process].</b></p>
Battery Energy Storage System (BESS)	<p>5 to 5.8 ha</p> <p>The final BESS capacity is subject input by the Department of Mineral Resources and Energy, National Energy Regulator of South Africa and Eskom regarding the dispatchability and ancillary</p>	<p>5 to 5.8 ha</p> <p>The final BESS capacity is subject input by the Department of Mineral Resources and Energy, National Energy Regulator of South Africa and Eskom regarding the dispatchability and ancillary</p>

	<p>services to be provided by the hybrid Solar PV and BESS facility. This may range between 77 MW/ 308 megawatt hour (MWh), in line with the latest Energy Storage Independent Power Producer Procurement Programme bidding round 2, and 240 MW/ 960 MWh, in line with 4 hours of rated capacity. These stated capacities are also subject to the charging, discharging and augmentation regime established during the subsequent design phases of the project.</p>	<p>services to be provided by the hybrid Solar PV and BESS facility. This may range between 77 MW/ 308 megawatt hour (MWh), in line with the latest Energy Storage Independent Power Producer Procurement Programme bidding round 2, and 240 MW/ 960 MWh, in line with 4 hours of rated capacity. These stated capacities are also subject to the charging, discharging and augmentation regime established during the subsequent design phases of the project.</p>
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Technical Details of the Rhenosterkop PV Facility:

Component	Description/ Dimensions	
	Description/ Dimensions on Rhino site	Description/ Dimensions on Sunnyside site
Location of site (centre point)	32°14'9.254"S; 22°50'26"E	22°49'59.587"S; 32°21'4.729"E
Application site area	Remainder of farm Rhenosterkop 155: 4247 ha, only 563 ha available for development	Farm 400: 4 035 ha, only 525.2 ha available for development
Solar PV development area	533.94 ha	494.93 ha
SG codes	Remainder of farm Rhenosterkop 155: C00900000000015500000	Farm 400: C00900000000040000000
Export capacity	Up to 250 MW	Up to 250 MW
PV Panels	Mono- or bifacial panels will be used, not thin film Panel width and height (to be confirmed during detailed design phase) Expected panel dimensions: Width: 1 – 1.3 m Height: 2 – 2.4 m	Mono- or bifacial panels will be used, not thin film Panel width and height (to be confirmed during detailed design phase) Expected panel dimensions: Width: 1 – 1.3 m Height: 2 – 2.4 m
On-site Substation	One 132 kV 21 m height 1 ha Substation will step up voltage from 33 to 132 kV  Various transformers will be located within the PV area. These will combine the power from multiple inverters and step up the supply voltage from 800 V to 33 kV. The expected capacity of these transformers are in the range of 2.5 megavolt ampere	One 132 kV 21 m height 1 ha Substation will step up voltage from 33 to 132 kV  Various transformers will be located within the PV area. These will combine the power from multiple inverters and step up the supply voltage from 800 V to 33 kV. The expected capacity of these transformers are in the range of 2.5 megavolt ampere

	each Note that the voltage levels are estimates and subject to confirmation/change during the detail design phase of the project	each Note that the voltage levels are estimates and subject to confirmation/change during the detail design phase of the project
BESS	<p>5 to 5.8 ha</p> <p>The final BESS capacity is subject input by DMRE, NERSA and Eskom regarding the dispatchability and ancillary services to be provided by the hybrid Solar PV and BESS facility. This may range between 77 MW/ 308 MWh, in line with the latest ESIPPPP bidding round 2, and 240 MW/ 960 MWh, in line with 4 hours of rated capacity. These stated capacities are also subject to the charging, discharging and augmentation regime established during the subsequent design phases of the project</p>	<p>5 to 5.8 ha</p> <p>The final BESS capacity is subject input by DMRE, NERSA and Eskom regarding the dispatchability and ancillary services to be provided by the hybrid Solar PV and BESS facility. This may range between 77 MW/ 308 MWh, in line with the latest ESIPPPP bidding round 2, and 240 MW/ 960 MWh, in line with 4 hours of rated capacity. These stated capacities are also subject to the charging, discharging and augmentation regime established during the subsequent design phases of the project.</p>
Proximity to grid connection	<p>The facility is planned to connect to a new Main Transmission Substation (MTS) which will be established near the project site. The new MTS will tie in via loop-in-loop-out connection to the existing Droërivier/Hydra 400 kV lines. Alternatively, the project can tie into the existing Droërivier MTS via a 132 kV connection. It should be noted that this does not form part of this application.</p>	<p>The facility is planned to connect to a new MTS which will be established near the project site. The new MTS will tie in via loop-in-loop-out connection to the existing Droërivier/Hydra 400 kV lines. Alternatively, the project can tie into the existing Droërivier MTS via a 132 kV connection. It should be noted that this does not form part of this application</p>

O&M buildings	The 1 ha construction camps will become the operational site camp offices, workshop areas, O&M building, permanent parking area, storage area	The 1 ha construction camps will become the operational site camp offices, workshop areas, O&M building, permanent parking area, storage area
Access roads	6 – 8 m access roads +/-15% 4 m internal roads	6 – 8 m access roads +/-15% 4 m internal roads
Site Access	Turn southward off from N1, 30 km outside Beaufort-West, between Beaufort-West and Three Sisters. This will lead to a Transnet service road used by the local population for access to farms and smallholdings. The site will be located immediately to the right at the Tjunction of the road that connects the service road and the N1	Approximately 3.2 km outside Beaufort-West on the R61, turn onto the Hopewell Road in an Eastern direction. After 24.1 km, turn right onto Farm 400 through the gate to the farm. This will be the main access point to the site
Construction camp	One 1 ha temporary containers	One 1 ha temporary containers
Temporary construction laydown/ staging area	2 ha within the development area – laydown (x 2)	2 ha within the development area – laydown (x 1)
Fence/ security	Triple wire fence, electrical fencing: Maximum height 3 m Length – 11 076 m	Triple wire fence, electrical fencing: Maximum height 3 m Length – Sunnyside PV west at 11 408.45 m and east 3 959 m
Boreholes and storage tanks (if applicable), per site	Existing boreholes will be tested. If no potential boreholes (existing), new boreholes will be required. Water will be stored on site using jojo tanks storing borehole or municipal water.	Existing boreholes will be tested. If no potential boreholes (existing), new boreholes will be required. Water will be stored on site using jojo tanks storing borehole or municipal water



## Conditions of this Environmental Authorisation

### Scope of authorisation

1. The development of up to 500MW Rhenosterkop Solar Photovoltaic facility and associated infrastructure (consisting of up to 250MW Rhino PV on remainder of farm Rhenosterkop155 and up to 250MW Sunnyside PV on farm 400) located within Ward 2 of the Beaufort West Local Municipality in the Western Cape, is approved as per the geographic coordinates attached as annexure 3.
2. Authorisation of the activity is subject to the conditions contained in this Environmental Authorisation, which form part of the Environmental Authorisation and are binding on the holder of the authorisation.
3. The holder of the authorisation is responsible for ensuring compliance with the conditions contained in this Environmental Authorisation. This includes any person acting on the holder's behalf, including but not limited to, an agent, servant, contractor, sub-contractor, employee, consultant or person rendering a service to the holder of the authorisation.
4. The activities authorised must only be carried out at the property as described above.
5. Any changes to, or deviations from, the project description set out in this Environmental Authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further Environmental Authorisation in terms of the regulations.
6. The holder of an Environmental Authorisation must apply for an amendment of the Environmental Authorisation with the Competent Authority for any alienation, transfer or change of ownership rights in the property on which the activity is to take place.
7. This activity must commence within a period of ten (10) years from the date of issue of this Environmental Authorisation. If the commencement of the activity does not occur within that period, the authorisation lapses and a new application for Environmental Authorisation must be made in order for the activity to be undertaken.
8. Construction must be completed within five (05) years of the commencement of the activity on site.
9. Commencement with one activity listed in terms of this environmental authorisation constitutes commencement of all authorised activities.

### **Notification of authorisation and right to appeal**

10. The holder of the authorisation must notify every registered interested and affected party, in writing and within 14 (fourteen) calendar days of the date of this Environmental Authorisation, of the decision to authorise the activity.
11. The notification referred to must –
  - 11.1. specify the date on which the authorisation was issued;
  - 11.2. inform the interested and affected party of the appeal procedure provided for in the National Appeal Regulations, 2014;
  - 11.3. advise the interested and affected party that a copy of the authorisation will be furnished on request; and
  - 11.4. Give the reasons of the Competent Authority for the decision.

### **Commencement of the activity**

12. The authorised activity must not commence until the period for the submission of appeals has lapsed as per the National Appeal Regulations, 2014, and no appeal has been lodged against the decision. In terms of Section 43(7), an appeal under Section 43 of the National Environmental Management Act, Act No. 107 of 1998, as amended will suspend the Environmental Authorisation or any provision or condition attached thereto. In the instance where an appeal is lodged, you may not commence with the activity until such time that the appeal has been finalised.

### **Management of the activity**

13. The project layout plan attached as Appendix 3 of the final BAR and labelled "*Site Layout Plan*" dated 27 March 2024 for the development of up to 500MW Rhenosterkop Solar Photovoltaic Facility and associated infrastructure (consisting of up to 250MW Rhino PV on Remainder of Farm Rhenosterkop 155 and up to 250MW Sunnyside PV on Farm 400) near Beaufort West, Western Cape Province, is approved.
14. The Environmental Management Programme (EMPr) for the development of up to 500MW Rhenosterkop Solar Photovoltaic Facility and associated infrastructure (consisting of up to 250MW Rhino PV on Remainder of Farm Rhenosterkop 155 and up to 250MW Sunnyside PV on Farm 400) near Beaufort West, Western Cape Province, submitted as part of the BAR dated 27 March 2024 is approved and must be implemented and adhered to.
15. Part C of the Generic Environmental Management Programme (EMPr), "*for the development and expansion of substation infrastructure for the transmission and distribution of electricity*" specifically Part

C: Site Specific Environmental Attributes\_for the construction of 132kV On-site Substations for Rhenosterkop Solar Photovoltaic Facility (Rhino PV and Sunnyside PV) dated 26 March 2026 submitted as part of the BAR, is not approved . Part B, Section 2 of the generic EMPr ( Site specific information ) must be amended to include the following and once amended, the generic EMPr must be submitted to the Department for written approval of Part C prior to commencement of the activity:

- 15.1. The detailed project description of the proposed 132kV substations (Rhino and Sunnyside PV) including the zoomed maps of the proposed substations.
- 15.2. Coordinates of the proposed substations for Rhino PV and Sunnyside PV (centre coordinates and corner coordinates).
- 15.3. Maps provided under figure 3 until figure 32 must be amended, as they are referred as maps showing the powerline location in relations to themes identified by the screening tool. These maps must be amended to show the location of the proposed substation since the generic EMPr is for substation and not powerline.
- 15.4. Date of the signature under the applicant's declaration must be amended from 2026 to 2024.
16. Once approved, the EMPrs must be implemented and strictly enforced during all phases of the project. They shall be seen as dynamic documents and shall be included in all contract documentation for all phases of the development when approved.
17. Changes to the approved EMPrs must be submitted in accordance with the EIA Regulations applicable at the time.
18. The Department reserves the right to amend the approved EMPrs should any impacts that were not anticipated or covered in the BAR be discovered.

### **Frequency and process of updating the EMPr**

19. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 26 below, indicate insufficient mitigation of environmental impacts associated with the undertaking of the activity, or insufficient levels of compliance with the environmental authorisation or EMPr.
20. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
21. The updated EMPr must be submitted to the Department for approval together with the environmental audit report, as per Regulation 34 of the EIA Regulations, 2014 as amended. The updated EMPr must have been subjected to a public participation process, which process has been agreed to by the Department, before submission of the updated EMPr to the Department for approval.

22. In assessing whether to approve an EMPr which has been updated as a result of an audit, the Department will consider the processes prescribed in Regulation 35 of the EIA Regulations, 2014 as amended. Prior to approving an amended EMPr, the Department may request such amendments to the EMPr as it deems appropriate to ensure that the EMPr sufficiently provides for avoidance, management and mitigation of environmental impacts associated with the undertaking of the activity.
23. The holder of the authorisation must apply for an amendment of an EMPr if such amendment is required before an audit is required. The amendment process is prescribed in Regulation 37 of the EIA Regulations, 2014, as amended. The holder of the authorisation must request comments on the proposed amendments to the impact management outcomes of the EMPr or amendments to the closure objectives of the closure plan from potentially interested and affected parties, including the competent authority, by using any of the methods provided for in the Act for a period of at least 30 days.

### **Monitoring**

24. The holder of the authorisation must appoint an experienced Environmental Control Officer (ECO) for the construction phase of the development that will have the responsibility to ensure that the mitigation/rehabilitation measures and recommendations referred to in this environmental authorisation are implemented and to ensure compliance with the provisions of the approved EMPrs.
  - 24.1. The ECO must be appointed before the commencement of any authorised activities.
  - 24.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
  - 24.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
  - 24.4. The ECO must remain employed until all rehabilitation measures, as required for implementation due to construction damage, are completed and the site is ready for operation.

### **Recording and reporting to the Department**

25. All documentation e.g., audit/monitoring/compliance reports and notifications, required to be submitted to the Department in terms of this environmental authorisation, must be submitted to the *Director: Compliance Monitoring* of the Department.
26. The holder of the environmental authorisation must, for the period during which the environmental authorisation and EMPrs remain valid, ensure that project compliance with the conditions of the environmental authorisation and the EMPrs are audited and that the audit reports are submitted to the *Director: Compliance Monitoring* of the Department.

27. The frequency of auditing and submission of the environmental audit reports must be as per the frequency indicated in the EMPs, considering the processes for such auditing as prescribed in Regulation 34 of the NEMA EIA Regulations, 2014 as amended.
28. The holder of the authorisation must, in addition, submit environmental audit reports to the Department within 30 days of completion of the construction phase (i.e., within 30 days of site handover) and a final environmental audit report within 30 days of completion of rehabilitation activities.
29. The environmental audit reports must be compiled in accordance with Appendix 7 of the NEMA EIA Regulations, 2014 as amended and must indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the environmental authorisation conditions as well as the requirements of the approved EMPs.
30. Records relating to monitoring and auditing must be kept on-site and made available for inspection to any relevant and competent authority in respect of this development.

#### **Notification to authorities**

31. A written notification of commencement must be given to the Department no later than fourteen (14) days prior to the commencement of the activity. The notice must include a date on which it is anticipated that the activity will commence, as well as a reference number.

#### **Operation of the activity**

32. A written notification of operation must be given to the Department no later than fourteen (14) days prior to the commencement of the activity operational phase.

#### **Site closure and decommissioning**

33. Should the activity ever cease or become redundant, the holder of the authorisation must undertake the required actions as prescribed by legislation at the time and comply with all relevant legal requirements administered by any relevant and Competent Authority at that time.

### **Specific conditions ( For Rhino PV and Sunnyside PV)**

34. No activities, which require a water use license, must be allowed to encroach into a water resource without a water use authorisation being in place from the Department of Water and Sanitation.
35. Should archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils, burials or other categories of heritage resources are found during the proposed development, work must cease in the vicinity of the find and SAHRA must be alerted immediately to determine an appropriate way forward
36. A permit must be obtained from the relevant Department for the removal or destruction of indigenous, protected, or endangered plant or animal species (if any) and a copy of such permit/s must be submitted to the Department for record keeping.
37. No exotic plants may be used for rehabilitation purposes. Only indigenous plants of the area may be utilised.
38. Vegetation clearing must be kept to an absolute minimum. Mitigation measures as specified in the BAR dated March 2024 must be implemented to reduce the risk of erosion and the invasion of alien species.
39. Construction must include design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
40. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling, reuse, and disposal where appropriate. Any solid waste must be disposed of at a landfill licensed in terms of Section 20 (b) of the National Environment Management Waste Act, 2008 (Act No.59 of 2008).

### **General**

41. A copy of this Environmental Authorisation, the audit and compliance monitoring reports, and the approved EMPs must be made available for inspection and copying-
  - 41.1. at the site of the authorised activity.
  - 41.2. to anyone on request; and
  - 41.3. where the holder of the Environmental Authorisation has a website, on such publicly accessible website.
42. National government, provincial government, local authorities or committees appointed in terms of the conditions of this authorisation or any other public authority shall not be held responsible for any damages or losses suffered by the holder of the authorisation or his/her successor in title in any instance where

construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the holder of the authorisation with the conditions of authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.

Date of Environmental Authorisation: 16 May 2020



**Mr Vusi Skosana**

**Acting Chief Director: Integrated Environmental Authorisations**  
**Department of Forestry, Fisheries & the Environment**

## Annexure 1: Reasons for Decision

### 1. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration -

- a) The listed activities as applied for in the amended application form received by the Department on 27 March 2024.
- b) The information contained in the final BAR dated 27 March 2024.
- c) The comments received from interested and affected parties as included in the final BAR dated 27 March 2024.
- d) Mitigation measures as proposed in the final BAR dated 27 March 2024 and the EMPs.
- e) The information contained in the specialist input contained within the Appendices of the final BAR dated 27 March 2024 and as appears below:

Title	Prepared by	Date
Agricultural Impact Assessment	Johann Lanz	8 January 2024
Aquatic Compliance Statement	M2 Environmental Connections (Pty) Ltd	November 2023
Avifauna Impact Assessment	AfriAvian (Pty) Ltd	25 January 2024
Heritage Impact Assessment	CTS Heritage (Pty) Ltd	March 2024
Risk Assessment:	iSHECON (Pty) Ltd	18 March 2024
Geotechnical Assessment (Desktop)	PeraGaGE Consulting (Pty) Ltd	February 2024
Socio-Economic Impact Assessment	Urban-Econ Development Economists (Pty) Ltd	March 2024
Terrestrial Biodiversity Assessment	M2 Environmental Connections (Pty) Ltd	February 2024
Transport Assessment	iWink (Pty) Ltd	February 2024
Visual Impact Assessment	SRK Consulting (Pty) Ltd	25 March 2024
EMPr	SiVEST SA (Pty) Ltd (SiVEST)	27 March 2024



## 2. Key factors considered in making the decision

All information presented to the Department was considered in the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below.

- a) The findings of all the specialist input conducted and their recommended mitigation measures.
- b) The need for the project stems from the provision of electricity to the national grid.
- c) The final BAR dated 27 March 2024 identified all legislation and guidelines that have been considered in the preparation of the final BAR.
- d) The location of the proposed project falls within the Zone 11 Beaufort West Renewable Energy Development Zone (REDZ).
- e) The methodology used in assessing the potential impacts identified in the final BAR dated 27 March 2024 and the specialist input have been adequately indicated.
- f) A sufficient public participation process was undertaken, and the applicant has satisfied the minimum requirements as prescribed in the NEMA EIA Regulations, 2014 as amended for public involvement.

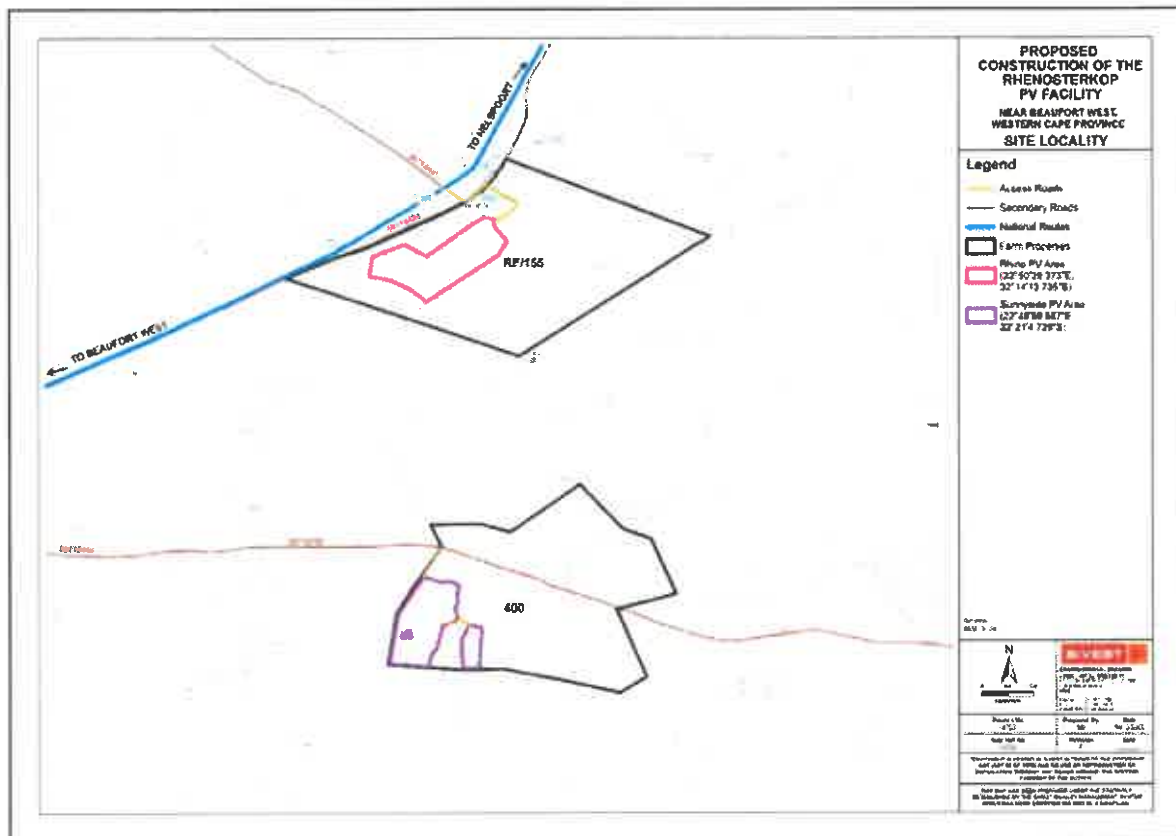
## 3. Findings

After consideration of the information and factors listed above, the Department made the following findings -

- a) The identification and assessment of impacts are detailed in the final BAR dated 27 March 2024 and sufficient assessment of the key identified issues and impacts have been completed.
- b) The procedure followed for impact assessment is adequate for the decision-making process.
- c) The information contained in the final BAR dated 27 March 2024 is deemed to be accurate and credible.
- d) The proposed mitigation of impacts identified and assessed adequately curtails the identified impacts.
- e) EMPr measures for the pre-construction, construction and rehabilitation phases of the development were proposed and included in the final BAR and will be implemented to manage the identified environmental impacts during the construction phase.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the authorised activities will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the authorised activities can be mitigated to acceptable levels. **The environmental authorisation is accordingly granted.**

## Annexure 2: Locality Map



## **Annexure 3: Coordinates**

### **Rhino PV:**

<b>Corner/ Point</b>	<b>South</b>	<b>East</b>
<b>SEF Site</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°14'1.007"S	22°49'3.273"E
2	32°13'47.007"S	22°49'40.72"E
3	32°13'59.832"S	22°50'5.062"E
4	32°13'15.598"S	22°51'10.757"E
5	32°13'17.692"S	22°51'21.75"E
6	32°13'25.282"S	22°51'23.059"E
7	32°13'33.476"S	22°51'28.535"E
8	32°13'39.728"S	22°51'34.885"E
9	32°13'43.733"S	22°51'37.132"E
10	32°13'58.995"S	22°51'27.932"E
11	32°14'52.917"S	22°50'3.975"E
12	32°14'23.362"S	22°48'59.96"E
<b>Coordinates at Centre Point (DD MM SS.sss)</b>		
13	32°14'9.254"S	22°50'26"E
<b>On-site Substation</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°14'50.452"S	22°50'1.733"E
2	32°14'48.614"S	22°50'4.797"E
3	32°14'50.953"S	22°50'6.941"E
4	32°14'52.847"S	22°50'4.017"E
<b>Coordinates at Centre Point (DD MM SS.sss)</b>		
5	32°14'50.814"S	22°50'4.49"E
<b>Operation and Maintenance Building</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°14'1.212"S	22°49'3.247"E
2	32°13'59.235"S	22°49'8.232"E
3	32°14'1.658"S	22°49'7.898"E

Corner/ Point	South	East
4	32°14'3.551"S	22°49'2.912"E
<b>Coordinates at Centre Point (DD MM SS.sss)</b>		
5	32°14'1.435"S	22°49'5.307"E
<b>BESS</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°14'47.369"S	22°50'4.145"E
2	32°14'40.595"S	22°50'14.809"E
3	32°14'43.982"S	22°50'17.882"E
4	32°14'50.819"S	22°50'7.031"E
<b>Coordinates at Centre Point (DD MM SS.sss)</b>		
5	32°14'46.115"S	22°50'10.543"E
<b>Site Laydown Area 1</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°14'49.445"S	22°50'0.414"E
2	32°14'47.308"S	22°50'3.72"E
3	32°14'48.41"S	22°50'4.665"E
4	32°14'50.479"S	22°50'1.359"E
<b>Coordinates At Centre Point (DD MM SS.sss)</b>		
5	32°14'49.018"S	22°50'2.551"E
<b>Site Laydown Area 2</b>		
<b>Coordinates At Corner Points (DD MM SS.sss)</b>		
1	32°13'17.447"S	22°51'11.019"E
2	32°13'16.448"S	22°51'16.208"E
3	32°13'16.741"S	22°51'17.812"E
4	32°13'17.034"S	22°51'17.95"E
5	32°13'18.74"S	22°51'17.794"E
6	32°13'18.844"S	22°51'9.933"E
<b>Coordinates At Centre Point (DD MM SS.sss)</b>		
7	32°13'17.896"S	22°51'13.898"E
<b>Site Access Road</b>		
<b>Coordinates (DD MM SS.sss)</b>		
Start	32°12'41.222"S	22°50'24.815"E
Middle	32°12'43.792"S	22°51'24.434"E
End	32°13'17.371"S	22°51'11.071"E

Corner/ Point	South	East
<b>Internal Road Network</b>		
<b>Coordinates (DD MM SS.sss)</b>		
Start	32°13'19.084"S	22°51'16.211"E
Middle	32°14'10.652"S	22°50'21.731"E
End	32°14'23.464"S	22°49'2.421"E

## Sunnyside PV

Corner/ Point	South	East
<b>SEF Site</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
<b>West</b>		
1	32°20'11.293"S	22°50'1.781"E
2	32°20'18.21"S	22°50'20.804"E
3	32°20'16.481"S	22°50'29.45"E
4	32°20'21.02"S	22°50'41.771"E
5	32°20'21.885"S	22°50'42.852"E
6	32°20'30.748"S	22°50'40.042"E
7	32°20'35.936"S	22°50'40.042"E
8	32°20'46.095"S	22°50'37.448"E
9	32°20'59.065"S	22°50'39.826"E
10	32°21'4.037"S	22°50'37.448"E
11	32°21'3.388"S	22°50'35.503"E
12	32°21'8.36"S	22°50'22.533"E
13	32°21'39.271"S	22°50'10.644"E
14	32°21'55.051"S	22°50'6.104"E
15	32°21'52.025"S	22°49'22.656"E
16	32°20'54.958"S	22°49'31.951"E
<b>East</b>		
1	32°21'7.063"S	22°50'52.796"E
2	32°21'9.873"S	22°51'7.927"E
3	32°21'56.565"S	22°51'5.117"E
4	32°21'57.213"S	22°50'46.743"E
5	32°21'24.16"S	22°50'44.743"E

Corner/ Point	South	East
6	32°21'16.488"S	22°50'49.94"E
<b>Coordinates at Centre Point (DD MM SS.sss)</b>		
<b>West</b>		
17	32°21'4.037"S	22°49'58.971"E
<b>East</b>		
7	32°21'33.315"S	22°50'56.283"E
<b>On-site Substation</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°20'8.683"S	22°50'9.006"E
2	32°20'9.961"S	22°50'12.308"E
3	32°20'12.731"S	22°50'10.859"E
4	32°20'11.474"S	22°50'7.535"E
<b>Coordinates at Centre Point (DD MM SS.sss)</b>		
5	32°20'10.643"S	22°50'9.879"E
<b>Operation and Maintenance Building</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°20'7.042"S	22°50'4.616"E
2	32°20'8.661"S	22°50'8.856"E
3	32°20'11.474"S	22°50'7.365"E
4	32°20'9.684"S	22°50'2.783"E
<b>Coordinates at Centre Point (DD MM SS.sss)</b>		
5	32°20'9.151"S	22°50'5.916"E
<b>BESS</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°20'9.961"S	22°50'12.5"E
2	32°20'16.098"S	22°50'28.843"E
3	32°20'18.293"S	22°50'20.874"E
4	32°20'14.244"S	22°50'10.284"E
<b>Coordinates at Centre Point (DD MM SS.sss)</b>		
5	32°20'14.628"S	22°50'17.998"E
<b>Site Laydown Area 1</b>		
<b>Coordinates at Corner Points (DD MM SS.sss)</b>		
1	32°20'9.977"S	22°50'2.778"E
2	32°20'12.908"S	22°50'10.807"E

Corner/ Point	South	East
3	32°20'14.183"S	22°50'10.074"E
4	32°20'11.092"S	22°50'2.109"E
<b>Coordinates At Centre Point (DD MM SS.sss)</b>		
5	32°20'11.793"S	22°50'5.996"E
<b>Access Road</b>		
<b>Coordinates (DD MM SS.sss)</b>		
<b>West</b>		
Start	32°19'37.751"S	22°50'22.916"E
Middle	32°19'53.17"S	22°50'11.781"E
End	32°20'8.589"S	22°50'3.214"E
<b>East</b>		
Start	32°21'6.41"S	22°50'28.27"E
Middle	32°20'58.272"S	22°50'45.831"E
End	32°21'8.337"S	22°50'52.898"E
<b>Internal Road Network</b>		
<b>Coordinates (DD MM SS.sss)</b>		
<b>West</b>		
Start	32°20'11.463"S	22°50'1.86"E
Middle	32°20'59.771"S	22°49'59.788"E
End	32°21'54.224"S	22°50'3.729"E
<b>East</b>		
Start	32°21'7.481"S	22°50'52.683"E
Middle	32°21'33.061"S	22°50'55.467"E
End	32°21'54.975"S	22°51'5.162"E



## forestry, fisheries & the environment

Department:  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 9000, Fax: +27 86 625 1042

**Ref:** Acting Arrangements

**Enquiries:** Devinagie Bendeman

**Telephone:** 012 399 9337

**E-mail:** [ybendeman@dffe.gov.za](mailto:ybendeman@dffe.gov.za)

Mr Vusi Skosana

Director: IEA: National Integrated Authorisations

Dear Mr Skosana

### **APPOINTMENT AS CHIEF DIRECTOR: INTEGRATED ENVIRONMENTAL AUTHORISATIONS (ACTING), FROM 16 MAY UNTIL 19 MAY 2024**

I hereby inform you that you have been appointed to act in the post of Chief Director: Integrated Environmental Authorisations from **16 May 2024 until 19 May 2024**. Please note that acting arrangements may be terminated by any party giving 24 hours written notification.

All correspondence and other documents that are usually signed by the Chief Director: Integrated Environmental Authorisations must be signed under **Chief Director: Integrated Environmental Authorisations (Acting)** during the above-mentioned period.

Your appointment in the above acting position remains subject to the provisions of the Public Service Act, 1994 (Proclamation No. 103 of 1994), as amended, the Government Employees Pension Fund Act, 1996 (Proclamation No. 21 of 1996), the regulations promulgated under these Acts and relevant circulars.

In the execution of your duties and the exercising of the powers delegated to you, you will furthermore be subjected to the provisions of the Public Finance Management Act, compliance with the Promotion of Access to Information Act, Promotion of Administrative Justice Act, the Minimum Information Security Standard, Departmental Policies and other applicable legislations with the Republic of South Africa. You are therefore advised to make yourself familiar with the provisions of these legislations and policies and the amendments thereof. (Copies of Departmental policies can be obtained from the Human Resource Office).

Yours sincerely

  
Ms. Devinagie Bendeman

DDG: Regulatory Compliance & Sector Monitoring

Date: 14 May 2024

cc: Mr Sabelo Malaza

[smalaza@dffe.gov.za](mailto:smalaza@dffe.gov.za)



**Batho pele**- putting people first

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.

#### **ACKNOWLEDGEMENT**

I ACCEPT / ~~DO NOT ACCEPT~~

appointment as Chief Director: Integrated Environmental Authorisations (Acting)

Signed: 

Date: 15 May 2024