



## 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:** 14/12/16/3/3/2/2085

**Enquiries:** Ms Samkelisiwe Dlamini

**Telephone:** (012) 399 9379 **E-mail:** [SDlamini@dfpe.gov.za](mailto:SDlamini@dfpe.gov.za)

Mr. Dick Berlijn  
Kutlwano Solar Power Plant (RF) (Pty) Ltd  
PO Box 785553  
**SANDTON**  
2146

Telephone Number: +2701 500 3680  
Email Address: [berlijn@subsolar.co.za](mailto:berlijn@subsolar.co.za)

### PER EMAIL / MAIL

Dear Mr Berlijn

### APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT NO. 107 OF 1998, AS AMENDED: FOR THE PROPOSED 150MW KUTLWANO SOLAR POWER PLANT NEAR LICHTENBURG, NORTH-WEST 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 stipulates 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@dfpe.gov.za](mailto:appeals@dfpe.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@dfpe.gov.za](mailto:appeals@dfpe.gov.za).

Yours faithfully



**Ms Millicent Solomons**  
**Acting Chief Director: Integrated Environmental Authorisations**  
**Department of Forestry, Fisheries and the Environment**  
Date: 25/04/2022,

cc:	Lisa Opperman	Environamics CC	Email: <a href="mailto:lisa@environamics.co.za">lisa@environamics.co.za</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 Environmental Impact Assessment Regulations, 2014, as amended

The 150MW Kutlwano Solar power plant near Lichtenburg within Ditsibola Local Municipality,  
North West Province

Fezile Dabi District Municipality

<b>Authorisation register number:</b>	14/12/16/3/3/2/2085
<b>Last amended:</b>	First issue
<b>Holder of authorisation:</b>	Kutlwano Solar Power Plant (RF) (Pty) Ltd
<b>Location of activity:</b>	Portion 4 of the farm Houthaaldoorns 2; Portion 2 of Farm Zamekomst 4; Portion 23 of Farm Houthaalbomen 31; Portion 10 of Farm Lichtenburg Town and Townlands 27; Remaining Extent of Portion 1 of Farm Lichtenburg Town and Townlands 27; Remaining Extent of Farm Priem 30; Portion 25 of Farm Houthaalboomen 31 within the Ditsibola Local Municipality, Fezile Dabi District Municipality in North West 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 –

**KUTLWANO SOLAR POWER PLANT (RF) (PTY) LTD**  
(hereafter referred to as the **holder of the authorisation**)

with the following contact details –

Mr. Dick Berlijn

Kutlwano Solar Power Plant (RF) (Pty) Ltd

PO Box 785553

**SANDTON**

2146

Tel: +2701 500 3680

Cell: +27742 488 488

E-mail: [berlijn@subsolar.co.za](mailto:berlijn@subsolar.co.za)

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 EIA Regulations, 2014 as amended:

Activity number	Activity description
<p><u>Listing Notice 1, Item 11:</u>  <i>The development of facilities or infrastructure for the transmission and distribution of electricity</i>  <i>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts.</i></p>	<p>Activity 11(i) is triggered as the proposed photovoltaic solar facility will transmit and distribute electricity of 132 kilovolts outside an urban area. The infrastructure for the distribution of electricity will include a powerline (132 kV) and an on-site HV/MV substation (130 MVA). For the preferred power line corridor, the power line will be constructed in an ~9.5km long and 100 m wide corridor. It is expected that generation from the facility will tie in with the Eskom Watershed 275/132/88 MTS substation.</p>
<p><u>Listing Notice 1, Item 24:</u>  <i>The development of a road</i>  <i>(ii) with reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 meters.</i></p>	<p>Activity 24(ii) is triggered as the internal roads of the solar power plant will vary between 6 and 12 meters in width.</p>
<p><u>Listing Notice 1, Item 28:</u>  <i>Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture or afforestation on or after 1998 and where such development</i>  <i>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare</i></p>	<p>Activity 28(ii) is triggered as the portions of the affected farm has been previously used for grazing and the property will be re-zoned to "special" use. The development footprint of the solar power plant will be 421ha in extent.</p>
<p><u>Listing Notice 1, Item 56:</u>  <i>The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre</i>  <i>(ii) where no reserve exists, where the existing road is wider than 8 metres</i></p>	<p>Activity 56 (ii) is triggered as the existing access road to the affected property does not have a reserve and will be widened by more than 6 metres..</p>



<p><u>Listing Notice 2. Item 01:</u>  <i>The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more.</i></p>	<p>Activity 1 is triggered since the proposed photovoltaic solar facility will generate up to 150 megawatts electricity through the use of a renewable resource.</p>
<p><u>Listing Notice 2. Item 15</u>  <i>The clearance of an area of 20 hectares or more of indigenous vegetation</i></p>	<p>In terms of vegetation type the preferred site falls within the Carletonville Dolomite Grassland which is described by Mucina and Rutherford (2006) as 'vulnerable'. Activity 15 is triggered since portions of the site has not been lawfully disturbed during the preceding ten years; therefore, more than 20 hectares of indigenous vegetation will be removed. The development footprint of the solar power plant will be 421ha</p>
<p><u>Listing Notice 3. Item 4:</u>  <i>The development of a road wider than 4 metres with a reserve less than 13,5 metres in the</i>  <b>(h) North West Province</b>  <i>(iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority.</i></p>	<p>Activity 4 is triggered since the proposed development is in the North West province and portions of the service road for the proposed power line route (option 1) will cross over CBA2. The service roads will not have a reserve and will vary between 4 and 5 meters in width.</p>
<p><u>Listing Notice 3. Item 12:</u>  <i>The clearance of an area of 300 square metres or more of indigenous vegetation</i>  <b>(h) in the North West</b>  <i>(iv) critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority</i></p>	<p>Activity 12 (h)(iv) is triggered since the proposed development is located in the North West province. Portions of the power line route cross over CBA2 (option 1). It is expected that approximately 10 000 square metres of indigenous vegetation will need to be removed as part of the linear activities associated with the power line (option 1).</p>

as described in the Environmental Impact Assessment Report (EIAR) dated December 2021 at:

**SG 21 Code**

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T	0	0	0	0	0	0	0	0	0	0	0	0	2	7	0	0	0	1	0
T	0	0	0	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0	1
T	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
T	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	2	5

Kutiwano Solar Power Plant		Latitude	Longitude
Project Site	A	26° 1'13.07"S	26° 7'4.49"E
	B	26° 2'24.88"S	26° 7'19.56"E
	C	26° 2'43.85"S	26° 6'37.00"E
	D	26° 1'13.04"S	26° 5'53.01"E
	E	26° 1'13.07"S	26° 7'4.49"E
Proposed access point	1	26° 2'43.51"S	26° 6'37.90"E
Proposed access road (1 – start, 2 – middle, 3 – end)	1	26° 2'43.66"S	26° 6'37.75"E
	2	26° 1'25.13"S	26° 6'1.08"E
	3	25°59'59.53"S	26° 5'31.43"E
On-site facility substation	A	26° 2'4.93"S	26° 6'28.31"E
	B	26° 2'4.98"S	26° 6'31.88"E
	C	26° 2'8.17"S	26° 6'31.93"E
	D	26° 2'8.16"S	26° 6'28.28"E
Collector substation	A	26° 2'32.72"S	26° 6'46.93"E
	B	26° 2'36.90"S	26° 6'49.34"E
	C	26° 2'38.97"S	26° 6'44.87"E
	D	26° 2'34.55"S	26° 6'42.48"E
Power Line connecting the onsite substation and the collector substation	1	26° 2'6.82"S	26° 6'28.37"E
	2	26° 2'7.98"S	26° 6'25.40"E
	3	26° 2'37.30"S	26° 6'39.73"E
	4	26° 2'35.80"S	26° 6'43.25"E
Power Line Corridor (technically preferred alternative)	1	26° 2'33.58"S	26° 6'44.90"E

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	2	26° 2'18.09"S	26° 7'21.45"E
	3	26° 3'8.16"S	26° 7'31.99"E
	4	26° 3'8.98"S	26° 7'33.87"E
	5	26° 5'15.87"S	26° 8'29.89"E
	6	26° 5'14.05"S	26° 8'38.61"E
	7	26° 5'20.19"S	26° 8'51.72"E
	8	26° 5'30.52"S	26° 8'50.36"E
	9	26° 5'39.18"S	26° 8'45.62"E
	10	26° 5'29.05"S	26° 8'26.18"E
	11	26° 5'18.73"S	26° 8'25.53"E
	12	26° 3'15.41"S	26° 7'30.07"E
	13	26° 3'10.19"S	26° 7'28.89"E
	14	26° 3'8.89"S	26° 7'27.08"E
	15	26° 2'25.81"S	26° 7'18.04"E
	16	26° 2'39.19"S	26° 6'47.62"E
<b>Battery Energy Storage Facility (BESS)</b>	A	26° 2'1.70"S	26° 6'32.98"E
	B	26° 2'1.73"S	26° 6'40.15"E
	C	26° 2'8.25"S	26° 6'40.12"E
	D	26° 2'8.23"S	26° 6'32.93"E

- for the 150MW Kutlwano Solar power plant near Lichtenburg within Ditsibola Local Municipality, North West Province, hereafter referred to as "the property".

The facility will comprise the following:

- PV Panel Array - To produce up to 150MW, the proposed facility will require numerous linked cells placed behind a protective glass sheet to form a panel;
- Wiring to Central Inverters - Sections of the PV array will be wired to central inverters;
- Connection to the grid - Connecting the array to the electrical grid requires transformation of the voltage from 480V to 33kV to 132kV;
- Electrical reticulation network – An internal electrical reticulation network will be required and will be lain ~2-4m underground as far as practically possible;
- Supporting Infrastructure – The auxiliary buildings with basic services including water and electricity;
- Battery storage – Up to 500 MW Battery Storage Facility with a maximum height of 8m and a maximum volume of 1740 m<sup>3</sup> of batteries and associated operational, safety and control infrastructure.



- Roads – Access will be obtained from the R505 Regional Road onto a proposed new gravel access road situated adjacent the development footprint where direct access will be obtained to the facility;
- Fencing - For health, safety and security reasons, the facility will be required to be fenced off from the surrounding farm. Fencing with a height of 2.5 meters will be used.

Technical details of the PV facility:

Component	Description / dimensions
Height of PV panels	6 meters
Area of PV Array	265 Hectares (Development footprint) within the assessed 421ha (EIA footprint)
Number of inverters required	Minimum 50
Area occupied by inverter / transformer stations / substations / BESS	Central inverters+ LV/MV trafo: 20 m <sup>2</sup> HV/MV substation with switching station: 15 000 m <sup>2</sup> BESS: 4 000 m <sup>2</sup>
Capacity of on-site sub- and switching station	Minimum 130MVA in HV/MV substation / 132kV
Capacity of the collector substation	Minimum 130MVA in HV/MV substation / 132kV
Capacity of the power line	132kV
Power Line servitude	32m
Area occupied by both permanent and construction laydown areas	Permanent Laydown Area: 300ha Construction Laydown Area: ~2000 m <sup>2</sup>
Area occupied by buildings	Security Room: ~60 m <sup>2</sup> Office: ~200 m <sup>2</sup> Staff Locker and Changing Room: ~200 m <sup>2</sup>
Battery storage facility	Maximum height: 8 m Maximum volume: 1740 m <sup>3</sup> Capacity: 500MW
Length of internal roads	Approximately 20 km
Width of internal roads	Between 6 & 12 meters
Proximity to grid connection	Approximately 10km (preferred alternative) or 12km (alternative route)
Height of fencing	Approximately 2.5 meters

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## **Conditions of this Environmental Authorisation**

### **Scope of authorisation**

1. The 150MW Kutlwano Solar power plant near Lichtenburg within Ditsibola Local Municipality, North West Province, is approved as per the geographic coordinates cited in the table above.
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 may 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 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.
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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 shall 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 site layout plans as attached as Figure A (Site maps) of the EIAr dated December 2021 is approved.
14. The Environmental Management Programme (EMPr) and Generic Environmental Management Programmes submitted as part of the EIAr dated December 2021 is approved and must be implemented and adhered to.
15. The EMPr must be implemented and strictly enforced during all phases of the project. It shall be seen as a dynamic document and shall be included in all contract documentation for all phases of the development when approved.
16. Changes to the approved EMPr must be submitted in accordance to the EIA Regulations applicable at the time.
17. The Department reserves the right to amend the approved EMPr should any impacts that were not anticipated or covered in the EIAr be discovered.

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

18. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 25 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.
19. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
  20. 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, prior to submission of the updated EMPr to the Department for approval.
  21. In assessing whether to grant approval of 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.
  22. 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**

23. 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 EMPr.
  - 23.1. The ECO must be appointed before commencement of any authorised activities.
  - 23.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
  - 23.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
  - 23.4. 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.

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

24. 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.
25. The holder of the environmental authorisation must, for the period during which the environmental authorisation and EMPr remain valid, ensure that project compliance with the conditions of the environmental authorisation and the EMPr are audited, and that the audit reports are submitted to the *Director: Compliance Monitoring* of the Department.
26. The frequency of auditing and of submission of the environmental audit reports must be as per the frequency indicated in the EMPr, taking into account the processes for such auditing as prescribed in Regulation 34 of the EIA Regulations, 2014 as amended.
27. 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.
28. The environmental audit reports must be compiled in accordance with Appendix 7 of the 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 EMPr.
29. 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**

30. A written notification of commencement must be given to the Department no later than fourteen (14) days prior to the commencement of the activity. Commencement for the purposes of this condition includes site preparation. 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**

31. 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**

32. 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**

#### Conditions for Non-operational aspects

33. No activities will be allowed to encroach into a water resource without a water use authorisation being in place from the Department of Water and Sanitation.
34. Should archaeological sites or graves be exposed during construction work, it must immediately be reported to a heritage practitioner so that an investigation and evaluation of the finds can be made.
35. A botanist must be appointed to perform a final walkthrough of the alignment to identify sensitive plant species, and assist in identifying the areas that require protection prior to construction.
36. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling, re-use 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**

37. A copy of this Environmental Authorisation, the audit and compliance monitoring reports, and the approved EMPr, must be made available for inspection and copying-
- 37.1. at the site of the authorised activity;
- 37.2. to anyone on request; and
- 37.3. where the holder of the Environmental Authorisation has a website, on such publicly accessible website.
38. 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: 25/04/2022.



Ms Milicent Solomons

Acting Chief Director: Integrated Environmental Authorisations  
Department of Forestry, Fisheries and 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 application form received on 23 July 2021.
- b) The information contained in the EIAr dated December 2021.
- c) The comments received from: NW Department of Rural, Environmental and Agricultural Development, SAHRA, Ngaka Modiri Molema District Municipality, South African Radio Astronomy Observatory, Transnet, Eskom, Sanral and interested and affected parties as included in the EIAr dated December 2021.
- d) Mitigation measures as proposed in the EIAr and the EMPs.
- e) The information contained in the specialist studies contained within the appendices of the EIAr dated December 2021 and as appears below:

Title	Prepared by	Date
Avifaunal Impact Assessment	Agreenco	April 2021
Wetland Impact Assessment	AGES α (Pty) Ltd	September 2021
Visual Impact Assessment	Phala Environmental Consultants	May 2021
Heritage Impact Assessment	J A van Schalkwyk (D Litt et Phil)	July 2021
Agricultural and Soils Impact Assessment	Johann Lanz	October 2021
Palaeontological impact assessment	Natura Viva cc	July 2021
Social Impact Assessment	Phala Environmental Consultants	May 2021
Traffic Impact Assessment	BVi Consulting Engineers Western Cape (Pty) Ltd	October 2021
Geotechnical Investigation Report	Subsolar Energy (Pty) Ltd	June 2021
EMPs	Environamics Environmental Consultants	December 2021



## 2. Key factors considered in making the decision

All information presented to the Department was taken into account 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 studies conducted and their recommended mitigation measures.
- b) The need for the proposed project stems from the provision of electricity to the national grid.
- c) The EIAr dated December 2021 identified all legislation and guidelines that have been considered in the preparation of the EIAr.
- d) The methodology used in assessing the potential impacts identified in the EIAr dated December 2021 and the specialist studies have been adequately indicated.
- e) A sufficient public participation process was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations, 2014 as amended for public involvement.

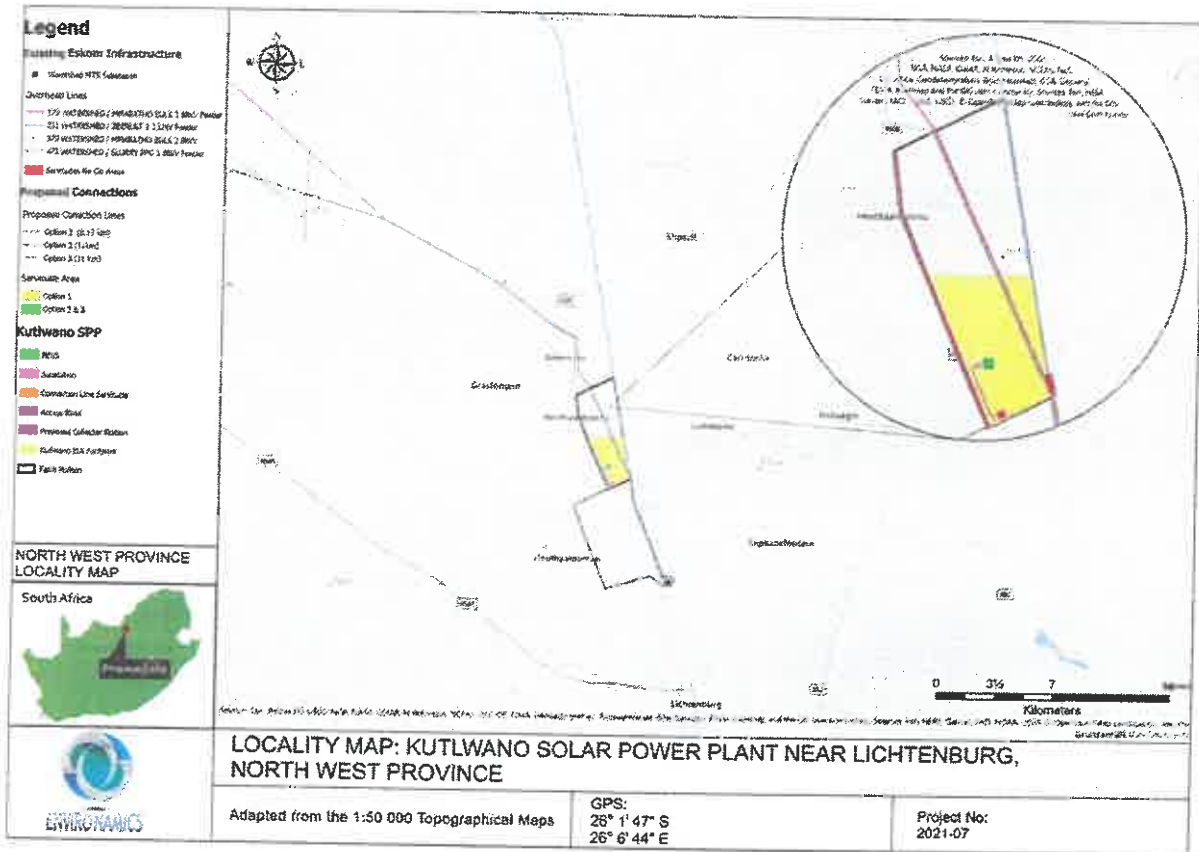
## 3. Findings

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 EIAr dated December 2021 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 EIAr dated December 2021 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 EIAr 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 Plan



AS



# forestry, fisheries & the environment

Department  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

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Ms. Milicent Solomons  
Director: Prioritized Infrastructure Projects

Dear Mrs Solomons

## APPOINTMENT AS ACTING CHIEF DIRECTOR: INTEGRATED ENVIRONMENTAL AUTHORIZATIONS FOR THE PERIOD OF 25 APRIL 2022 UNTIL 31 OCTOBER 2022

I hereby inform you that I have decided to appoint you as the Acting Chief Director: Integrated Environmental Authorizations for the period of 25 April to 31 October 2022 whilst Mr Sabelo Maza is fulfilling his temporary reassignment function at the Forestry Branch.

All the correspondence and other documents that are usually signed by the Chief Director: Integrated Environmental Authorizations must be signed under Acting Chief Director: Integrated Environmental Authorizations 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).

Please accept my heartfelt gratitude for all your assistance on behalf of the department.

Yours sincerely

Ms Devinagle Bandeman  
Deputy Director-General: RCSM (Regulatory Compliance and  
Sector Monitoring)

Date 20 April 2022

### ACKNOWLEDGEMENT

I ACCEPT / ~~DO NOT ACCEPT~~  
appointment as Acting Chief  
Director: Integrated Environmental  
Authorizations

Signed:

Date:

20/04/2022