



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA · 0001· Environment House · 473 Steve Biko Road, Arcadia, PRETORIA
Tel (+ 27 12) 399 9372

DEA Reference: 14/12/16/3/3/2/815

Enquiries: Mmamohale Kabasa

Telephone: (012) 399 9420 **E-mail:** MKabasa@environment.gov.za

Mr David Peinke
AEP Bloemsmond Solar 1 (Pty) Ltd
PO Box 704
GREENPOINT
8051

Telephone Number: (021) 418 2596
Email Address: david@atlanticep.com

PER E-MAIL / MAIL

Dear Mr Peinke

ENVIRONMENTAL AUTHORISATION FOR THE 75 MW AEP BLOEMSMOND SOLAR 1 PHOTOVOLTAIC FACILITY ON PORTION 5 AND 14 OF THE FARM BLOEMSMOND 455, NORTH EAST OF THE TOWN OF KEIMOES WITHIN THE KAI! GARIB LOCAL MUNICIPALITY IN THE NORTHERN 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 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 14 (fourteen) days of the date of the EA, of the Department's decision in respect of your application as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 2 of Government Notice No. R.993, which prescribes the appeal procedure to be followed. An appellant must submit an 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.

By post: Private Bag X447,
Pretoria, 0001; or

By hand: Environment House
473 Steve Biko,
Arcadia,
Pretoria, 0083

If the applicant wishes to lodge an appeal, it must also serve a copy of the notice of intention to appeal on all registered interested and affected parties as well as a notice indicating where, and for what period, the appeal submission will be available for inspection, should you intend to submit an appeal.

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Block A, West Quay Building
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28/11/2016
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Appeals must be submitted in writing to:

Mr Z Hassam, Director: Appeals and Legal Review, of this Department at the above mentioned addresses. Mr Hassam can also be contacted at:

Tel: (012) 399 9356

Email: Appealsdirector@environment.gov.za

Please note that in terms of section 43(7) of the National Environmental Management Act, 1998, an appeal under section 43 of that Act 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.

For guidance on appeals submitted to the Minister in terms of NEMA and the SEMAs, please find a copy of the guideline on the administration of appeals on the Department's website: (https://www.environment.gov.za/documents/forms#legal_authorisations).

Kindly include a copy of this document with the letter of notification to interested and affected parties.

Yours faithfully


Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs

Date: 26/04/2016

cc:	K Jodas	Savannah Environmental (Pty) Ltd	Email: karen@savannahsa.com
	B Fisher	Northern Cape DENC	Email: BFisher@ncpg.gov.za
	JG Lategan	Kai !Garib Local Municipality	Email: mm@kaigarib.gov.za

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environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Environmental Authorisation

In terms of Regulation 25 of the Environmental Impact Assessment Regulations, 2014

The 75 MW AEP Bloemsmond Solar 1 Photovoltaic Facility on Portion 5 and 14 of the Farm
Bloemsmond 455, north east of the town of Keimoes within the Kail Garib Local Municipality in the
Northern Cape Province

ZF Mgcawu District Municipality

Authorisation register number:	14/12/16/3/3/2/815
Last amended:	First issue
Holder of authorisation:	AEP Bloemsmond Solar 1 (Pty) Ltd
Location of activity:	Portion 4 of the Farm Bloemsmond 455, Portion 15 of the Farm Bloemsmond 455 Kai !Garib Local Municipality ZF Mgcawu District Municipality Northern 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.

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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, 1998 and the EIA regulations.

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, 1998 (Act No.107 of 1998) and the Environmental Impact Assessment Regulations, 2014 the Department hereby authorises –

AEP BLOEMSMOND SOLAR 1 (PTY) LTD

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

with the following contact details –

Mr David Peinke

AEP Bloemsmond Solar 1 (Pty) Ltd

PO B6x 704

GREENPOINT

8051

Telephone Number: (021) 418 2596

Cell phone Number: (082) 401 9015

Fax Number: (086) 514 8184

Email Address: david@atlanticep.com

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to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notice 1 (GN R. 983):

Activity number	Activity description
<u>GN R. 983: Activity 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>	The facility will require the construction of an on-site substation and an overhead distribution power line outside an urban area.
<u>GN R. 983: Activity 12:</u> <i>"The development of</i> <i>(xii) infrastructure or structures with a physical footprint of 100 square metres or more;</i> <i>where such development occurs-</i> <i>(a) within a watercourse; or</i> <i>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;-"</i>	The facility and/or associated infrastructure could be located within 32m from a watercourse (drainage lines).
<u>GN R. 983: Activity 19:</u> <i>"The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from</i> <i>(i) a watercourse;"</i>	The facility and/or associated infrastructure will require the infilling or depositing of any material of more than 5 cubic metres into, or the excavation or moving of soil or rock of more than 5 cubic metres from a watercourse (ephemeral drainage lines).
<u>GN R. 983: Activity 24:</u> <i>"The development of</i> <i>(ii) a road with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than</i> <i>8 metres;"</i>	The facility will require the construction of new access roads within the site which may be wider than 8 metres.

GN R. 983: Activity 28: <i>"Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture or afforestation on or after 01 April 1998 and where such development: (i) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare;"</i>	The total area of land to be developed for the facility is larger than 1 hectare.
GN R. 984: Activity 1: <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>	The total electricity output of the facility would be 75MW in capacity.
GN R. 984: Activity 15: <i>"The clearance of an area of 20 hectares or more of indigenous vegetation."</i>	The clearing of more than 20 hectares of indigenous vegetation may be undertaken during construction of the facility.

as described in the Environmental Impact Assessment Report (EIAR) dated January 2016 at:

21 SG Code:

C	0	2	8	0	0	0	0	0	0	0	0	0	4	5	5	0	0	0	1	4
C	0	2	8	0	0	0	0	0	0	0	0	0	4	5	5	0	0	0	0	5

Site (preferred)

Alternative (preferred development footprint)	Latitude	Longitude
North-West Corner	28° 34'47.47"S	28° 34'47.47"S
North-East Corner	28° 34'20.93"S	21° 02'38.85"E
South-West Corner	28° 35'24.47"S	21° 02'17.14"E
South-East Corner	28° 35'04.91"S	21° 03'00.87"E
Substation (preferred)	28° 35'16.23"S	21° 02'33.38"E

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Power line (preferred alternative)		
Power line start	28° 35'16.23"S	21° 02'33.38"E
Power line middle	28° 35'00.69"S	21° 03'09.80"E
Power line end	28° 34'36.72"S	21° 03'39.80"E
Access road (preferred Access Road 1)		
Access road start	28° 37'54.15"S	21° 04'04.87"E
Access road end	28° 35'22.58"S	21° 02'20.93"E

- for the proposed 75 MW AEP Bloemsmond Solar 1 Photovoltaic Facility and its associated infrastructure located on Portion 5 and 14 of the Farm Bloemsmond 455 within the Kai !Garib Local Municipality in the Northern Cape Province, hereafter referred to as "the property".

The AEP Bloemsmond Solar 1 Photovoltaic Facility will comprise the following:

- mounting structures to support the PV panels;
- on-site inverters to step up the power and a substation to facilitate the connection between the solar facility and the Eskom electricity grid;
- a new 132kV powerline between the on-site substation and the Dyasons Klip Substation (located on the farm Dyasons Klip RE/454);
- cabling between the project components, to be laid underground where practical;
- offices and workshop areas for maintenance and storage;
- temporary laydown areas; and
- internal access roads and fencing around the development area.

Technical details of the proposed facility:

Component	Description/ Dimensions
Location of the site	30 km south west of Upington and 16 km north east of Keimoes on Portions 5 and 14 of the Farm Bloemsmond 455
SG Codes	C02800000000045500014 C02800000000045500005
Project development footprint	280ha

Preferred site access	Access to the site will be from the N14 national road
Export capacity	75 MW
Proposed technology	Photovoltaic panels
PV Panel area	200ha
Height of installed panels from ground level	4 - 6 meters
Width and length of internal roads	Main internal road – length: ~1000m, width: 7.5m, Secondary internal roads –length: ~4000m. width: 5m

Conditions of this Environmental Authorisation

Scope of authorisation

1. The 75 MW AEP Bloemsmond Solar 1 Photovoltaic Facility and its associated infrastructure located on Portion 5 and Portion 14 of the Farm Bloemsmond 455 within the Kai !Garib Local Municipality in the Northern Cape Province as described above is hereby approved.
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 five (05) 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 5 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.
12. The holder of the authorisation must publish a notice –
 - 12.1. informing interested and affected parties of the decision;
 - 12.2. informing interested and affected parties where the decision can be accessed; and
 - 12.3. drawing the attention of interested and affected parties to the fact that an appeal may be lodged against this decision in terms of the National Appeal Regulations, 2014.

Commencement of the activity

13. The authorised activity shall not commence until the period for the submission of appeals has lapsed as per the National Appeal Regulations, 2014. In terms of section 43(7), an appeal under section 43 of the National Environmental Management Act, 1998 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.

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Management of the activity

14. The development layout plan (Map Reference: Bloemsmond 1_Layout Plan_05.11.15 (Prefer Alternatives) prepared by Savannah Environmental (Pty) Ltd. submitted as part of the EIAr is approved.
15. The Environmental Management Programme (EMPr) submitted as part of the application for EA is hereby approved. This EMPr must be implemented and adhered to.
16. The EMPr must be implemented and strictly enforced during all phases of the project. It must be seen as a dynamic document and must be included in all contract documentation for all phases of the development when approved.
17. Should the holder of this environmental authorisation propose any changes to the EMPr, the holder of this environmental 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.
18. The Department reserves the right to amend the approved EMPr should any impacts that were not anticipated or covered in the EIAr be discovered.
19. A shapefile of the development layout/footprint must be submitted to this Department within two months from the date of this decision. The shapefile must be created using the Hartebeesthoek 94 Datum and the data should be in Decimal Degree Format using the WGS 84 Spheroid. The shapefile must include at a minimum the following extensions i.e. .shp; .shx; .dbf; .prj; and, .xml (Metadata file). If specific symbology was assigned to the file, then the .avl and/or the .lyr file must also be included. Data must be mapped at a scale of 1:10 000 or specify if an alternative scale was used. The metadata must include a description of the base data used for digitizing. The shapefile must be submitted in a zip file using the EIA application reference number as the title. The shape file must be submitted to:

Postal Address:

Department of Environmental Affairs
Private Bag X447
Pretoria
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Physical address:

Department of Environmental Affairs
Environment House
473 Steve Biko
Arcadia
Pretoria

For Attention: Mr Muhammad Essop
Integrated Environmental Authorisations
Strategic Infrastructure Developments
Telephone Number: (012) 399 9406
Email Address: MEssop@environment.gov.za

Frequency and process of updating the EMPr

20. The EMPr must be updated where the findings of the environmental audit reports indicate insufficient mitigation of environmental impacts associated with the undertaking of the activity, or insufficient levels of compliance with the environmental authorisation or EMPr.
21. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
22. The updated EMPr must be submitted to the Department for approval together with the environmental audit report, as per Regulation 34 of GN R. 982. 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.
23. 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 GN R.982. 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.
24. The holder of the authorisation may apply for an amendment of an EMPr, if such amendment is required before an audit is required. The holder must notify the Department of its intention to amend the EMPr at least 60 days prior to submitting such amendments to the EMPr to the Department for approval. In assessing whether to grant such approval or not, the Department will consider the processes and requirements prescribed in Regulation 37 of GN R. 982.

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Monitoring

25. The holder of the authorisation must appoint an experienced independent 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.
- 25.1. The ECO must be appointed before commencement of any authorised activities.
- 25.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
- 25.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
- 25.4. 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

26. 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.
27. 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.
28. 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 GN R. 982.
29. 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.
30. The environmental audit reports must be compiled in accordance with Appendix 7 of the EIA Regulations, 2014 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.

31. 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

32. 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

33. 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

34. 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

35. The footprint of the development must be limited to the areas required for actual construction works and operational activities.
36. Clearing of vegetation must be restricted to clearing of areas for development of service infrastructure.
37. Areas outside of the footprint, including sensitive areas and buffer areas, must be clearly demarcated (using fencing and appropriate signage) before construction commences and must be regarded as "no-go" areas.
38. Contractors and construction workers must be clearly informed of the no-go areas.
39. Vegetation clearing must be limited to the required footprint. Mitigation measures must be implemented to reduce the risk of erosion and the invasion of alien species.

40. Before the clearing of the site, the appropriate permits must be obtained from the Department of Agriculture, Forestry and Fisheries (DAFF) for the removal of plants listed in the National Forest Act and from the relevant provincial department for the destruction of species protected in terms of the specific provincial legislation. Copies of the permits must be made available to this Department on request.
41. Construction activities must be restricted to demarcated areas to restrict the impact on sensitive environmental features.
42. All areas of disturbed soil must be reclaimed using only indigenous grass and shrubs. Reclamation activities shall be undertaken according to the rehabilitation plan to be included in the final EMPr.
43. Topsoil from all excavations and construction activities must be salvaged and reapplied during reclamation.
44. Wetlands, rivers and river riparian areas must be treated as "no-go" areas and appropriately demarcated as such. No vehicles, machinery, personnel, construction material, fuel, oil, bitumen or waste must be allowed into these areas without the express permission of and supervision by the ECO, except for rehabilitation work in these areas.
45. No discharge of effluents or polluted water must be allowed into any rivers or wetland areas.
46. No spoil material, including stripped topsoil, must be temporarily stockpiled within 30 m of freshwater ecosystems identified to be of low or moderate conservation importance and 50 m of freshwater ecosystems identified to be of high conservation importance.
47. Underground cables and internal access roads must be aligned as much as possible along existing infrastructure to limit damage to vegetation and watercourses.
48. Anti-erosion measures such as silt fences must be installed in disturbed areas.
49. No exotic plants may be used for rehabilitation purposes; only indigenous plants of the area may be utilised.
50. No activities will be allowed to encroach into a water resource without a water use license being in place from the Department and Sanitation.
51. Cleared alien vegetation must not be dumped on adjacent intact vegetation during clearing but must be temporarily stored in a demarcated area.
52. Disturbed areas must be rehabilitated as soon as possible after construction and local indigenous plants must be used to enhance the conservation of existing natural vegetation on site.
53. Workers must be made aware of the importance of not polluting rivers or wetlands and the significance of not undertaking activities that could result in such pollution, and this awareness must be promoted throughout the construction phase.
54. Signs must be placed along construction roads to identify speed limits, travel restrictions, and other standard traffic control information. To minimize impacts on local commuters, consideration should be

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- given to limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time.
55. Internal access roads must be located to minimize stream crossings. All structures crossing streams must be located and constructed so that they do not decrease channel stability or increase water velocity.
 56. Roads must be designed so that changes to surface water runoff are avoided and erosion is not initiated.
 57. A designated access to the site must be created and clearly marked to ensure safe entry and exit.
 58. Signage must be erected at appropriate points warning of turning traffic and the construction site.
 59. Construction vehicles carrying materials to the site should avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.
 60. Should abnormal loads have to be transported by road to the site, a permit must be obtained from the relevant Provincial Government.
 61. All construction vehicles should adhere to a low speed limit to avoid collisions with susceptible species such as snakes and tortoises.
 62. The holder of this authorisation must reduce visual impacts during construction by minimising areas of surface disturbance, controlling erosion, using dust suppression techniques and restoring exposed soil as closely as possible to their original contour and vegetation.
 63. The holder of this authorisation must train safety representatives, managers and workers in workplace safety. The construction process must be compliant with all safety and health measures as prescribed by the relevant act.
 64. Liaison with land owners/farm managers must be done prior to construction in order to provide sufficient time for them to plan agricultural activities.
 65. No unsupervised open fires for cooking or heating must be allowed on site.
 66. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling and re-use options where appropriate. Where solid waste is disposed of, such disposal shall only occur at a landfill licensed in terms of section 20(b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008).
 67. The holder of this authorisation must provide sanitation facilities within the construction area and along the road so that workers do not pollute the surrounding environment. These facilities must be removed from the site when the construction phase is completed as well as associated waste to be disposed of at a registered waste disposal site.

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68. The holder of this authorisation must take note that no temporary site camps will be allowed outside the footprint of the development area as the establishment of such structures might trigger a listed activity as defined in the Environmental Impact Assessment Regulations, 2010.
69. Foundations and trenches must be backfilled with originally excavated materials as much as possible. Excess excavation materials must be disposed of only in approved areas or, if suitable, stockpiled for use in reclamation activities.
70. Borrow materials must be obtained only from authorized and permitted sites. Permits must be kept on site by the ECO.
71. Dust abatement techniques must be used before and during surface clearing, excavation, or blasting activities.
72. Appropriate dust suppression techniques must be implemented on all exposed surfaces during periods of high wind. Such measures may include wet suppression, chemical stabilisation, the use of a wind fence, covering surfaces with straw chippings and re-vegetation of open areas.
73. A pre-construction survey of the final development footprint must be conducted to ascertain the identity and exact number of individuals of protected species affected by the proposed development. Prior to the commencement of construction, a rescue and rehabilitation operation for these species which could survive translocation must be conducted.
74. No construction activities can commence without having obtained the necessary permits for threatened or protected species (ToPS) listed and provincially protected species within the study area.
75. Any vegetation clearing that needs to take place as part of maintenance activities, should be done in an environmentally friendly manner, including avoiding the use of herbicides and using manual clearing methods wherever possible.
76. All construction vehicles must remain on properly demarcated roads. No construction vehicles should be allowed to drive over the vegetation except where no cleared roads are available. In such cases a single track should be used and multiple paths should not be formed. Where temporary access roads are created, they should be rehabilitated as outlined in the rehabilitation plan after completion of construction.
77. Regular monitoring for erosion must take place to ensure that no erosion problems are occurring at the site as a result of the roads and other infrastructure. All erosion problems observed should be rectified as soon as possible as outlined in the erosion management plan within the EMPr.
78. Excavations must be inspected regularly in order to rescue trapped animals.
79. An appropriately designed and effective stormwater management system must be implemented.
80. Kerbs and storm water channels must be designed in such a way that they can allow small animals and reptiles to move freely.

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81. Top soil and subsoil must be stockpiled separately and replaced according to the correct profile i.e. topsoil replaced last. Stockpiles should not be situated such that they obstruct natural water pathways and drainage channels.
82. Top soil stockpiles must not exceed 2m in height, stockpiles older than 6 months must be enriched before they can be used to ensure the effectiveness of the topsoil.
83. Any fauna directly threatened by the construction activities should be removed to a safe location by a suitably qualified person.
84. Should any archaeological sites, artefacts, paleontological fossils or graves be exposed during construction work, work in the immediate vicinity of the find must be stopped, the South African Heritage Resources Agency (SAHRA) must be informed and the services of an accredited heritage professional obtained for an assessment of the heritage resources must be made.
85. The collection, hunting, or harvesting of any plants or animals at the site is strictly forbidden.
86. Lighting for both the construction period and through the operation of the facility must be of low-pressure sodium type, preferably yellow. All perimeter and security lighting must be attached to motion detectors, and should be dark-sky friendly.
87. Electric fencing should not have any strands within 30cm of the ground, which should be sufficient to allow smaller mammals, reptiles and tortoises to pass through (tortoises retreat into their shells when electrocuted and eventually succumb from repeated shocks), but still remain effective as a security barrier.
88. All new power lines must be marked with bird flight diverters along their entire length. To create a net benefit, where possible, the new lines must run parallel to existing marked lines so as to reduce the collision risk posed by the older lines.
89. The poles should be fitted with bird perches on top of the poles to draw birds, particularly vultures away from the potentially risky insulators.
90. All pylons to be constructed should make use of "bird friendly" monopole structures, fitted with a bird perch, as per Eskom standard guidelines.
91. The recommendations of the EAP in the EIAR dated January 2016 and the specialist studies attached must be adhered to. In the event of any conflicting mitigation measures and conditions of the Environmental Authorisation, the specific condition of this Environmental Authorisation will take preference.

ANTHONY DE GRAAF
Commissioner of Oaths (RSA)
Chartered Accountant (SA)
Registration number 08105952

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Conditions for operational aspects

92. Road borders should be regularly maintained to ensure that vegetation remains short and that they therefore serve as an effective firebreak.
93. All declared aliens must be identified and managed in accordance with the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983). There should be an alien species monitoring and eradication program to prevent encroachment of these problem plants for the duration of the operation.
94. The washing of panels during maintenance must be done with biodegradable soaps to avoid soil contamination and poisoning of small animals.
95. Lighting for both the construction period and through the operation of the facility must be of low-pressure sodium type, preferably yellow. All perimeter and security lighting must be attached to motion detectors, and should be dark-sky friendly.
96. During operation, any electrocution and collision events that occur should be recorded, including the species affected and the date. If repeated collisions occur within the same area, then, further mitigation and avoidance measures may need to be implemented.
97. The recommendations of the EAP in the EIAR dated January 2016 and the specialist studies attached must be adhered to. In the event of any conflicting mitigation measures and conditions of the Environmental Authorisation, the specific condition of this Environmental Authorisation will take preference.

General

98. A copy of this environmental authorisation, the audit and compliance monitoring reports, and the approved EMP, must be made available for inspection and copying-
 - 98.1. at the site of the authorised activity;
 - 98.2. to anyone on request; and
 - 98.3. where the holder of the environmental authorisation has a website, on such publicly accessible website.
99. 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

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authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.

Date of environmental authorisation: 26/04/2016


Mr Sabelo Malaza

Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs

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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 24 June 2015;
- b) The information contained in the EIAr dated January 2016;
- c) The comments received from the Northern Cape Department of Environment and Nature Conservation, Telkom, SKA, SANRAL, Eskom, SACAA, Kai !Garib Local Municipality: Development Planning, Department of Water and Sanitation, ZF Mgcawu District Municipality and interested and affected parties as included in the EIAr dated January 2016;
- d) Mitigation measures as proposed in the EIAr and the EMPr;
- e) The information contained in the specialist studies contained within the appendices of the EIAr dated January 2016 and as appears below:

Title	Prepared by	Date
Fauna & Flora specialist ecological impact assessment	Simon Todd Consulting	September 2015
Avifaunal Impact Assessment	C. Widdows of Afzelia Environmental Consulting	October 2015
Heritage impact report	J. van der Walt of Heritage Contracts & Archaeological Consulting	October 2015
Palaeontological assessment	J.E. Almond of Natura Viva cc	July 2015
Soil and agriculture assessment	Savannah Environmental (Pty) Ltd. and reviewed by J. Dyer of North West University	September 2015
Social impact assessment	Savannah Environmental (Pty) Ltd. and reviewed by Dr Neville Bews	
Visual impact assessment	S. Stead of Visual Resources Management Africa cc	October 2015
Water resources impact management	Scherman Colloty and Associates	October 2015
EMPr	Savannah Environmental (Pty) Ltd.	December 2015

ANTHONY J. SKAAR
Commissioner of Oaths (Roth)
Chartered Accountant (SA)
Registration number 08105952

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 January 2016 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 January 2016 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 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 January 2016 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 proposed mitigation of impacts identified and assessed adequately curtails the identified impacts.
- d) The information contained in the EIAr dated January 2016 is deemed to be accurate and credible.
- 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

ANTHONY DE GRAAF
Commissioner of Oaths (RSA)
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Registration number 08105952

resulting from the authorised activities can be mitigated to acceptable levels. The environmental authorisation is accordingly granted.

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environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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

DEA Reference: 14/12/16/3/3/2/815/AM1

Enquiries: Ms Azrah Essop

Telephone: (012) 399 8529 **E-mail:** AEssop@environment.gov.za

Mr David Michael Peinke
AEP Bloemsmond Solar 1 (Pty) Ltd
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7 West Quay Road, Waterfront
CAPE TOWN
8001

Tel: 021 418 2596
Fax: 086 611 0882
Email: david@atlanticep.com

PER EMAIL / MAIL

Dear Mr Peinke

AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON THE 26 APRIL 2016 FOR THE PROPOSED CONSTRUCTION OF THE 75MW AEP BLOEMSMOND SOLAR 1 PHOTOVOLTAIC FACILITY ON PORTION 5 AND 14 OF THE FARM BLOEMSMOND 455, NORTH EAST OF THE TOWN OF KEIMOE'S WITHIN THE KAI !GARIB LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Environmental Authorisation (EA) issued for the above application by this Department on 26 April 2016, your application for amendment to the EA received by this Department on 27 February 2020 and the acknowledgement issued on 09 March 2020 refer.

Based on a review of the reason for requesting an amendment to the above EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, has decided to amend the EA dated 26 April 2016 as follows:

Amendment 1: Amendment to Activity Description:

The cover page of the EA contains the description typed as:

"The 75 MW AEP Bloemsmond Solar 1 Photovoltaic Facility on Portion 5 and 14 of the Farm Bloemsmond 455, north east of the town of Keimoes within the Kai !Garib Local Municipality in the Northern Cape Province ZF Mgcawu District Municipality"

Is amended to:

"The 100 MW AEP Bloemsmond Solar 1 Photovoltaic Facility on Portion 5 and 14 of the Farm Bloemsmond 455, north east of the town of Keimoes within the Kai !Garib Local Municipality in the Northern Cape Province ZF Mgcawu District Municipality"

MS

Reason for amendment:

The applicant wishes to increase the generation capacity from 75MW to 100MW as there are technological advances in PV Modules, inverters and mounting structures. The capacity of the facility will increase without exceeding the parameters stated in the EA i.e. PV array footprint or maximum height.

Amendment 2: Amendment to Activity Location:

The cover page of the EA contains the location typed as

Location of activity:	<i>Portion 4 of the Farm Bloemsmond 455, Portion 15 of the Farm Bloemsmond 455 Kai !Garib Local Municipality ZF Mgcawu District Municipality Northern Cape Province</i>
------------------------------	---

Is amended to:

Location of activity:	<i>Portion 5 of the Farm Bloemsmond 455, Portion 14 of the Farm Bloemsmond 455 Kai !Garib Local Municipality ZF Mgcawu District Municipality Northern Cape Province</i>
------------------------------	---

Reason for amendment:

This amendment was requested to correct a typographical error made in the property descriptions.

Amendment 3: Change in details of the EA Holder:

Page two of the EA contains the details of the holder, typed as:

AEP Bloemsmond Solar 1 (Pty) Ltd
P O Box 704
GREENPOINT
8051

Is amended to:

AEP Bloemsmond Solar 1 (Pty) Ltd
101, Block A, West Quay Building
7 West Quay Road, Waterfront
CAPE TOWN
8001

Reason for amendment:

The amendment is to update the details of the EA holder.

Amendment 4: Change in details of the listed activities:

The table on page 4 of the EA, GN R.984: Activity 1, typed as follows:

GN R. 984: Activity 1: <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>	The total electricity output of the facility would be 75MW in capacity.
--	---

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Is amended to:

GN R. 984: Activity 1: <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>	The total electricity output of the facility would be 100MW in capacity.
--	--

Reason for amendment:

The applicant wishes to increase the generation capacity from 75MW to 100MW as there are technological advances in PV Modules, inverters and mounting structures. The capacity of the facility will increase without exceeding the parameters stated in the EA i.e. PV array footprint or maximum height.

Amendment 5: Change in co-ordinates of the site:

The coordinates for the site on page four typed as:

Alternative (preferred development footprint)	Latitude	Longitude
North-West Corner	28° 34'47.47"S	28° 34'47.47"S
North-East Corner	28° 34'20.93"S	21° 02'38.85"E

Is amended to:

Alternative (preferred development footprint)	Latitude	Longitude
North-West Corner	28°34'47.52"S	21° 1'26.30"E
North-East Corner	28°34'21.19"S	21° 2'38.86"E

Reason for amendment:

This amendment is to correct the typographical error of the coordinates for the powerline. This amendment is only for the coordinates for the North West and North East corner.

Amendment 6: Change to the project description of the activity:

The project description on page five typed as:

"- for the proposed 75 MW AEP Bloemsmond Solar 1 Photovoltaic Facility and its associated infrastructure on Portion 5 and 14 of the Farm Bloemsmond 455 within the Kai !Garib Local Municipality in the Northern Cape Province, hereafter referred to as "the property".

Is amended to:

"- for the proposed 100 MW AEP Bloemsmond Solar 1 Photovoltaic Facility and its associated infrastructure on Portion 5 and 14 of the Farm Bloemsmond 455 within the Kai !Garib Local Municipality in the Northern Cape Province, hereafter referred to as "the property".

Reason for amendment:

The applicant wishes to increase the generation capacity from 75MW to 100MW as there are technological advances in PV Modules, inverters and mounting structures. The capacity of the facility will increase without exceeding the parameters stated in the EA i.e. PV array footprint or maximum height.

Amendment 7: Change to technical table and export capacity:

The technical detail provided on page six typed as:

Export capacity	75 MW
-----------------	-------

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Is amended to:

Export capacity	100 MW
-----------------	--------

Reason for amendment:

The applicant wishes to increase the generation capacity from 75MW to 100MW as there are technological advances in PV Modules, inverters and mounting structures. The capacity of the facility will increase without exceeding the parameters stated in the EA i.e. PV array footprint or maximum height.

Amendment 8: Change to condition:

Condition 1 on page six typed as:

1. *The 75 MW AEP Bloemsmond Solar 1 Photovoltaic Facility and its associated infrastructure located on Portion 5 and Portion 14 of the Farm Bloemsmond 455 within the Kai !Garib Local Municipality in the Northern Cape Province as described above is hereby approved.*

Is amended to:

1. *The 100 MW AEP Bloemsmond Solar 1 photovoltaic facility and its associated infrastructure located on Portion 5 and 14 of the Farm Bloemsmond 455 within the Kai !Garib Local Municipality in the Northern Cape Province as described above is hereby approved.*

Reason for amendment:

The applicant wishes to increase the generation capacity from 75MW to 100MW as there are technological advances in PV Modules, inverters and mounting structures. The capacity of the facility will increase without exceeding the parameters stated in the EA i.e. PV array footprint or maximum height.

This letter must be read in conjunction with the EA dated 26 April 2016.

In terms of the Promotion of Administrative Justice Act, 2000 (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, 2013 (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 abuses or compromises your personal information in any way.

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 14 (fourteen) days of the date of the EA, of the Department's as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 2 of National Environmental Management Act, 1998 (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 prescribe 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@environment.gov.za;

By hand: Environment House
473 Steve Biko Road,
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 decision 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 or request a copy of the documents at appeals@environment.gov.za.

Yours faithfully


Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Date: 13/03/2020

CC: Mr Dale Holder	Cape EAPrac	Email: dale@cape-eaprac.co.za
Mr Mandla Ndziili	Northern Cape Department of Environment and Nature Conservation	Email: mndziili@denc.gov.za
Mr J Mackay	Kai !Garib Local Municipality	Email: mackayj@kaiagarib.org.za

M.S



environment, forestry & fisheries

Department:
Environment, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

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

DEFF Reference: 14/12/16/3/3/2/815/AM2

Enquiries: Ms Zamalanga Langa

Telephone: (012) 399 9389 **E-mail:** zlanga@environment.gov.za

Mr David Michael Peinke
AEP Bloemsmond Solar 1 (Pty) Ltd
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7 West Quay Road
WATERFRONT
Cape Town
8001

Telephone Number: (021) 418 2596
Email Address: david@atlanticep.com

PER EMAIL / MAIL

Dear Mr Peinke

AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 26 APRIL 2016 AS AMENDED FOR THE PROPOSED CONSTRUCTION OF THE 100MW AEP BLOEMSMOND SOLAR 1 PHOTOVOLTAIC FACILITY ON PORTION 5 AND 14 OF THE FARM BLOEMSMOND 455, NORTH EAST OF THE TOWN OF KEIMOE WITHIN THE KAI!GARIB LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Environmental Authorisation (EA) issued for the abovementioned application by this Department on 26 April 2016, the amendments to the EA dated 13 March 2020, your application for amendment of the EA received by the Department on 18 August 2020, the acknowledgement letter dated 26 August 2020, draft Amendment Report received by the Department on 7 September 2020 and Department's comments on the draft Amendment Report dated 1 October 2020, refer.

Based on a review of the reason for requesting an amendment to the above EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment Regulations, 2014 as amended, has decided to amend the EA dated 26 April 2016 as amended, as follows:

Amendment 1: Change of Activity Description on page 1, of EA dated 26 April 2016 as amended to include Battery Energy Storage System (BESS)

From:

"The 100 MW AEP Bloemsmond Solar 1 Photovoltaic Facility on Portion 5 and 14 of the Farm Bloemsmond 455, north east of the town of Keimoes within the Kai!Garib Local municipality in the Northern Cape Province, ZF Mgcawu District Municipality."

To:

"The 100MW AEP Bloemsmond Solar 1 Photovoltaic Facility with a Battery Energy Storage System of up to 500MWh on Portion 5 and 14 of the Farm Bloemsmond 455, north east of the town of Keimoes within the Kai!Garib Local Municipality in the Northern Cape Province, ZF Mgcawu District Municipality."

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Amendment 2: Change of Activity Description on page 5 of the EA dated 26 April 2016 as amended to include BESS

From:

"for the proposed 100MW AEP Bloemsmond Solar 1 Photovoltaic Facility and its associated infrastructure on Portion 5 and 14 of the Farm Bloemsmond 455, within the Kai !Garib Local Municipality in the Northern Cape Province, hereafter referred to as "the property".

To:

"for the proposed 100MW AEP Bloemsmond Solar 1 Photovoltaic Facility with a Battery Energy Storage System of up to 500MWh and its associated infrastructure on Portion 5 and 14 of the Farm Bloemsmond 455, within the Kai !Garib Local Municipality in the Northern Cape Province, hereafter referred to as "the property".

Amendment 3: Change of condition 1 on page 6 of the EA dated 26 April 2021 as amended to include BESS

From:

"The 100MW AEP Bloemsmond Solar 1 Photovoltaic Facility its associated infrastructure located on Portion 5 and 14 of the Farm Bloemsmond 455, within the Kai !Garib Local Municipality in the Northern Cape Province as described above is hereby approved."

To:

"The 100MW AEP Bloemsmond Solar 1 Photovoltaic Facility with a Battery Energy Storage System of up to 500MWh and its associated infrastructure located on Portion 5 and 14 of the Farm Bloemsmond 455, within the Kai !Garib Local Municipality in the Northern Cape Province as described above is hereby approved."

Reason for amendment 1, 2 and 3:

To include battery energy storage in the form of Lithium Battery Technologies to the descriptions of the solar facility. The inclusion of a BESS into renewable energy facilities is an important step in securing peak demand energy in South Africa. It falls in line with all the relevant policies and programmes that are driving renewable energy development.

Amendment 4: adding technical details of the BESS on the EA dated 26 April 2016 as amended:

Components	Description/Dimension
Size of BESS	Up to 500 Megawatt Hours
Height of BESS	±3 metres
Technology	Lithium Battery Technologies

Amendment 5: adding coordinates of the BESS on the EA dated 26 April 2016 as amended

Corner coordinates of BESS	Latitude	Longitude
North West	28° 35' 16.0"	21° 02' 20.8"

DEFF REFERENCE: 14/12/16/3/32/2/815/AM2

PROJECT TITLE: AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 26 APRIL 2016 FOR THE PROPOSED CONSTRUCTION OF THE 100MW AEP BLOEMSMOND SOLAR 1 PHOTOVOLTAIC FACILITY ON PORTION 5 AND 14 OF THE FARM BLOEMSMOND 455, NORTH EAST OF THE TOWN OF KEIMOES WITHIN THE KAI!GARIB LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE.

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North East	28° 35' 12.7"	21° 02' 27.8"
South West	28° 35' 21.3"	21° 02' 23.7"
South East	28° 35' 17.6"	28° 35' 17.6"

Amendment 6: approval of amended EMPr that includes the proposed amendment of the BESS

The amended EMPr dated 23 October 2020 submitted as part of the application for amendment is hereby approved.

Reason for amendment of EMPr:

The applicant is applying for an amendment to the EA and EMPr to include A 500 Mega Watt Hour (MWh) Battery Energy Storage System within the authorised footprint of the Facility. The revised EMPr submitted as part of this application for details regarding the proposed amendments. It includes management outcomes and actions specific to the proposed BESS and includes the original EIR in its entirety for the remainder of outcomes and actions associated with the facility as a whole.

Amendment 7: approval of amended Site Development Plan to include the proposed amendment of BESS

Amended Site Development Plan submitted as part of the application for amendment is hereby approved.

Reason for amendment:

The site development plan approved as part of the EA dated 26 April 2016 has been amended to include the location of the BESS as applied for in the application for amendment of EA.

Amendment 8 : Extension of Validity of the EA by additional five (05) years from 26 April 2021 to 26 April 2026

Condition 7 of the EA dated 26 April 2016, is thus amended as follows:

"The activity must commence within a period of ten (10) years from the date of issue of this authorisation (i.e. the authorisation lapses on 26 April 2026). 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".

Reason for amendment:

The original EA authorised a period of five (05) years from date of issue to commencement of construction on the site. Unfortunately there have been several delays in achieving this result, some related to new developments in available technology and others, the delay in reaching the bid windows for the REIPP programme. The applicant is confident that the project and its amendments will provide to the sustainable development of renewable energy in South Africa, and an extension of the validity will support this end. An additional five (05) years will be sufficient to reach implementation stage.

This proposed amendment letter must be read in conjunction with the EA dated 26 April 2016 and the EA amendment issued 13 March 2020.

The Department is aware that the environment changes constantly, as a result it might be significantly different from the one that existed at the time of the issuing of this EA, hence the validity of the EA cannot exceed a maximum period of 10 years. Failure to commence with construction activities within the maximum 10 year

period, your EA will be deemed to have lapsed and a new application for Environmental Authorisation will have to be lodged.

In terms of the Promotion of Administrative Justice Act, 2000 (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, 2013 (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 abuses or compromises your personal information in any way.

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 14 (fourteen) days of the date of the EA, of the Department's as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 2 of National Environmental Management Act, 1998 (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 prescribe 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@environment.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 or request a copy of the documents at appeals@environment.gov.za.

Yours faithfully


Mr Sabelo Malaza
Chief Director, Integrated Environmental Authorisations
Department of Environment, Forestry and Fisheries
Date: 10/02/2021

cc:	Mr Dale Holder	Cape EAPrac	E-mail: dale@cape-eaprac.co.za
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DEFF REFERENCE: 14/12/16/3/32/2/815/AM2

PROJECT TITLE: AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 26 APRIL 2016 FOR THE PROPOSED CONSTRUCTION OF THE 100MW AEP BLOESMOND SOLAR 1 PHOTOVOLTAIC FACILITY ON PORTION 5 AND 14 OF THE FARM BLOESMOND 455, NORTH EAST OF THE TOWN OF KEIMOES WITHIN THE KAIJARIB LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE.

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environment, forestry & fisheries

Department:
Environment, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

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DEFF Reference: 14/12/16/3/3/2/815/AM3

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7 West Quay Road
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8001

Telephone Number: (021) 418 2596
Email Address: david@atlanticep.com

PER EMAIL / MAIL

Dear Mr Peinke

CORRECTION TO THE AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 10 FEBRUARY 2021 FOR THE PROPOSED CONSTRUCTION OF THE 100MW AEP BLOEMSMOND SOLAR 1 PHOTOVOLTAIC FACILITY ON PORTION 5 AND 14 OF THE FARM BLOEMSMOND 455, NORTH EAST OF THE TOWN OF KEIMIS WITHIN THE KAI GARIB LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The amendment to the Environmental Authorisation (EA) amendment issued for the above application by this Department on 10 February 2021, your letter dated 03 March 2021 and received by this Department on 03 March 2021, refer.

In terms of Regulation 27 (4) of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended this Department has decided to amend the abovementioned decision to correct errors as follows:

Amendment 1: Correction of South East coordinates of a Battery Energy Storage System (BESS) on page 03 of the EA amendment dated 10 February 2021:

From:

Corner coordinates of BESS	Latitude	Longitude
South East	28° 35' 17.6"S	28° 35' 17.6"E

To:

Corner coordinates of BESS	Latitude	Longitude
South East	28° 35' 17.6"S	21° 02' 31.5"E

MS

Please note that this letter must be read in conjunction with the Environmental Authorisation dated 26 April 2016, as amended.

Yours faithfully



Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environment, Forestry and Fisheries

Date: 25/03/2021

cc:	Mr Dale Holder	Cape EAPrac	E-mail: dale@cape-eaprac.co.za
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