



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: 14/12/16/3/3/1/1870

Enquiries: Ms Bathandwa Ncube

Telephone: (012) 399 9368 E-mail: BNcube@environment.gov.za

Mr Hendrik Reyneke
South African Mainstream Renewable Power Developments (Pty) Ltd.
P.O. Box 45063
CLAREMONT
7735

Tel : 021 657 4050
Cell : 083 264 3884
Email : hein.reyneke@mainstreamrp.com

PER E-MAIL / MAIL

Dear Mr Reyneke

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT NO. 107 OF 1998, AS AMENDED: GN R982/983/984/985, AS AMENDED: DEVELOPMENT OF THE IXHA BOOM ON-SITE ESKOM SUBSTATION, LINKING SUBSTATION AND ASSOCIATED 132KV POWER LINE NEAR LOERIESFONTEIN, WITHIN THE HANTAM LOCAL MUNICIPALITY, 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, as amended (the EIA Regulations), you are instructed to notify all registered interested and affected parties (I&APs), 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 GN R993 of 08 December 2014, which prescribes the appeal procedure to be followed. Kindly include a copy of this document with the letter of notification to interested and affected parties.

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:

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

By email: appealsdirector@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 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#equal_authorisations or request a copy of the documents at appealsdirector@environment.gov.za.

Yours faithfully



Mr Vusi Skosana
Acting Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Date: 27/06/2018

CC:	Mr. Stephan Jacobs	SIVEST SA (Pty) Ltd.	Tel: 011 798 0600	Email: stephanj@sivest.co.za
	Mr. Brian Fisher	Northern Cape Department of Environment and Nature Conservation	Tel: 053 807 7300	Email: bfisher@ncpp.gov.za
	Mr. Riaan Van Wyk	Hantam Local Municipality	Tel: 027 341 8500	Email: socialdev1@hantam.gov.za



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Environmental Authorisation

In terms of regulation 25 of the Environmental Impact Assessment Regulations, 2014 (as amended)

DEVELOPMENT OF THE IXHA BOOM ON-SITE ESKOM SUBSTATION, LINKING SUBSTATION AND ASSOCIATED 132KV POWER LINE NEAR LOERIESFONTEIN WITHIN THE HANTAM LOCAL MUNICIPALITY, NORTHERN CAPE PROVINCE

NAMAKWA DISTRICT MUNICIPALITY

Authorisation register number:	14/12/16/3/3/1/1870
Last amended:	<i>First issue</i>
Holder of authorisation:	<i>South African Mainstream Renewable Power Developments (Pty) Ltd.</i>
Location of activity:	<i>Ward 5, Hantam Local Municipality; Namakwa District Municipality; Northern Cape Province.</i>

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

SOUTH AFRICAN MAINSTREAM RENEWABLE POWER DEVELOPMENTS (PTY) LTD.

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

with the following contact details –

Mr Hendrik Reyneke

South African Mainstream Renewable Power Developments (Pty) Ltd.

PO Box 45063

CLAREMONT

7735

Tel no : 021 657 4050

Cell no : 083 264 3884

E-mail : hein.reyneke@mainstreamrp.com

to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notice 1 (GN R.983) of 2014 EIA Regulations (as amended by GN R327):

Listed activities	Activity/Project description
<p><u>GN R983 Item 11(i) (as amended):</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>The proposed development will include the construction of an on-site Eskom Substation, a Linking Substation and an associated power line. The proposed on-site Eskom Substation, Linking Substation and associated power line will be located outside an urban area and will have capacities of 132kV respectively.</p>
<p><u>GN R983 Item 12 (as amended):</u> <i>The development of:</i> <i>ii) 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;</i> <i>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse</i></p>	<p>The Surface Water Specialist Assessment identified five (5) depression wetlands, twenty six (26) Major Drainage Lines (drainage line with channel width >5m) and one hundred and eighty (180) Minor Drainage Lines (drainage lines with channel width <5m).</p> <p>Depending on the location of the power line towers within the power line corridor, it is possible that the power line might affect these identified surface water features.</p>
<p><u>GN R983 Item 19 (as amended):</u> <i>The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse;</i></p>	<p>The Surface Water Specialist Assessment identified five (5) depression wetlands, twenty six (26) Major Drainage Lines (drainage line with channel width >5m) and one hundred and eighty (180) Minor Drainage Lines (drainage lines with channel width <5m).</p> <p>Depending on the location of the power line towers within the power line corridor, it is possible that the power line might affect these identified surface water features.</p>

Listed activities	Activity/Project description
	<p>Should construction activities take place within a watercourse, soil will need to be removed.</p> <p>Roads providing access to the substations and the power line servitude will need to be constructed through a number of watercourses and this will involve the removal and infill of material from the respective affected watercourses that may amount to more than 10m³.</p>
<p><u>GN R983. Item 27 (as amended):</u></p> <p><i>The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for-</i></p> <p><i>(i) the undertaking of a linear activity;</i></p>	<p>The proposed development will include the construction of an On-site Eskom Substation and a Linking Substation. For the purpose of this BA, Mainstream are assessing areas of approximately 15ha and 36ha with regards to the On-site Eskom and Linking Substation sites respectively. However, only areas of approximately 7.5ha and 3ha will be used for the construction of the proposed On-site Eskom and Linking Substations, respectively.</p> <p>All vegetation on these sites would therefore need to be cleared for the construction of the substations and associated infrastructure and this will amount to an area greater than 1 hectare, but less than 20 hectares.</p> <p>According to the Biodiversity Specialist Assessment, the vegetation that would need to be cleared as a result of the proposed development was found to be in a natural state.</p>
<p><u>GN R983. Item 28(ii) (as amended):</u></p>	<p>The proposed project site is currently used</p>

Listed activities	Activity/Project description
<p><i>Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development:</i></p> <p><i>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare.</i></p>	<p>for agricultural purposes, specifically commercial sheep farming, and the proposed project will result in an area greater than 1 hectare being transformed into an industrial land use.</p>

as described in the Basic Assessment Report (BAR) dated March 2018 at:

IXha Boom On-Site Eskom Substation

Farm Name: Portion 2 of the Farm Georg's Vley No. 217

21 Digit SG code:

C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	7	0	0	0	0	2
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Preferred IXha Boom On-Site Eskom Substation	Latitude	Longitude
Alternative 1 (7.5Ha)	30° 17' 41.614" S	19° 16' 50.509" E

Linking Substation

Farm Name: Portion 1 of the Farm Hartebeest Leegte No. 216

21 Digit SG code:

C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	6	0	0	0	0	1
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Preferred Linking Substation	Latitude	Longitude
Alternative 1 (3Ha)	30° 19' 23.315" S	19° 20' 4.455" E

Powerline Corridor

Farm Name:

- Portion 2 of the Farm Georg's Vley No. 217;
- Portion 1 of the Farm Hartebeest Leegte No. 216;
- Portion 2 of the Farm Springbok Tand No. 215;
- Portion 2 of the Farm Graskoppies No. 176;

- Portion 1 of the Farm Graskoppies No. 176;
- Remainder of the Farm Springbok Tand No. 215;
- Portion 7 of the Farm Konnes No. 183;
- The Farm Buchufontein No. 184;
- Portion 2 of the Farm Karree Doorn Pan No. 214;
- Portion 1 of the Farm Karree Doorn Pan No. 214;
- Portion 2 of the Farm Aan De Karree Doorn Pan No. 213;
- Remainder of the Farm Aan De Karree Doorn Pan No. 213;
- Portion 1 of the Farm Sous No. 226;
- Portion 3 of the Farm Sous No. 226; and
- Remainder of the Farm Sous No. 226.

21 Digit SG code:

C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	7	0	0	0	0	2
C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	6	0	0	0	0	1
C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	5	0	0	0	0	2
C	0	1	5	0	0	0	0	0	0	0	0	0	1	7	6	0	0	0	0	2
C	0	1	5	0	0	0	0	0	0	0	0	0	1	7	6	0	0	0	0	1
C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	5	0	0	0	0	0
C	0	1	5	0	0	0	0	0	0	0	0	0	1	8	3	0	0	0	0	7
C	0	1	5	0	0	0	0	0	0	0	0	0	1	8	4	0	0	0	0	0
C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	4	0	0	0	0	2
C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	4	0	0	0	0	1
C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	2
C	0	1	5	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	0
C	0	1	5	0	0	0	0	0	0	0	0	0	2	2	6	0	0	0	0	1
C	0	1	5	0	0	0	0	0	0	0	0	0	2	2	6	0	0	0	0	3
C	0	1	5	0	0	0	0	0	0	0	0	0	2	2	6	0	0	0	0	0

Preferred Powerline corridor	Latitude	Longitude
Alternative 4 (~53.4 km)	30° 17' 8.659" S	19° 15' 47.319" E
	30° 19' 48.457" S	19° 21' 4.551" E
	30° 17' 44.939" S	19° 22' 5.093" E

	30° 19' 3.332" S	19° 27' 55.703" E
	30° 19' 1.072" S	19° 32' 1.539" E
	30° 20' 41.708" S	19° 34' 58.099" E
	30° 25' 59.926" S	19° 33' 27.885" E
	30° 26' 1.013" S	19° 33' 32.381" E
	30° 26' 21.195" S	19° 33' 30.197" E
	30° 27' 34.097" S	19° 34' 18.366" E
	30° 28' 0.765" S	19° 34' 11.814" E
	30° 28' 41.491" S	19° 33' 32.932" E
	30° 29' 47.447" S	19° 33' 30.716" E
	30° 29' 58.002" S	19° 33' 37.699" E

- for construction of the IXha Boom On-site Eskom Substation, Linking Substation and associated 132kV Power Line near Loeriesfontein within the Hantam Local Municipality in the Northern Cape Province, hereafter referred to as "the property".

The location is indicated in the locality plan (figure 1) and is attached as Annexure 2 of this authorisation.

The IXha Boom electricity grid infrastructure includes:

- 1 x 33kV/132kV IXha Boom On-site Eskom Substation (500m x 300m);
- 1 x 132kV Linking Substation (600m x 600m);
- 1 x 132kV power line (~53.4km);
- Access road to the switching station and access/ service tracks along the powerline route, for construction (approximately 20m wide); and maintenance purposes (approximately 6-8m wide);
- Associated ancillaries (i.e. met masts, fencing, temporary site camp, laydown area etc.).

Conditions of this Environmental Authorisation

Scope of authorisation

1. The construction of the IXha Boom on-site Eskom substation, linking substation and associated 132kV power line near Loeriesfontein, within the Hantam Local Municipality, Northern Cape

Province is **approved** as per the geographic coordinates cited at the table reflected in page 5 to page 7 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 properties 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. Commencement with one activity listed in terms of this environmental authorisation constitutes commencement of all authorised activities.

Notification of authorisation and right to appeal

9. 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.
10. The notification referred to must –
 - 10.1. specify the date on which the authorisation was issued;

- 10.2. inform the interested and affected party of the appeal procedure provided for in the National Appeal Regulations, 2014;
- 10.3. advise the interested and affected party that a copy of the authorisation will be furnished on request; and
- 10.4. give the reasons of the competent authority for the decision.

Commencement of the activity

11. 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, 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.

Management of the activity

12. The Environmental Management Programme (EMPr) submitted as part of the Application for Environmental Authorisation is **not approved**. The EMPr must be amended to include final layout map of the pylons and submitted to the Department for written approval prior to commencement of the activity. Once approved, the EMPr must be implemented and adhered to.

Frequency and process of updating the Environmental Management Programme (EMPr)

13. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 23 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.
14. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
15. 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, 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.

16. 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, 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.
17. 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, as amended.

Monitoring

18. 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 Environmental Management Programme.
 - 18.1. The Environmental Control Officer must be appointed before commencement of any authorised activities.
 - 18.2. Once appointed, the name and contact details of the Environmental Control Officer must be submitted to the *Director: Compliance Monitoring* of the Department at Directorcompliance@environment.gov.za.
 - 18.3. The Environmental Control Officer must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the Environmental Control Officer.
 - 18.4. The Environmental Control Officer 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

19. 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 at Directorcompliance@environment.gov.za.

20. The holder of the environmental authorisation must, for the period during which the environmental authorisation and Environmental Management Programme remain valid, ensure that project compliance with the conditions of the environmental authorisation and the Environmental Management Programme are audited, and that the audit reports are submitted to the *Director: Compliance Monitoring* of the Department at Directorcompliance@environment.gov.za.
21. The frequency of auditing and of submission of the environmental audit reports must be as per the frequency indicated in the Environmental Management Programme, taking into account the processes for such auditing as prescribed in Regulation 34 of GN R. 982, as amended.
22. The holder of the authorisation must, in addition, submit an 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.
23. The environmental audit reports must be compiled in accordance with appendix 7 of the Environmental Impact Assessment 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 Environmental Management Programme.
24. 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

25. 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

26. 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

27. 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

28. The switching stations, powerline and support infrastructure must be designed and planned to cater for bird perching and visibility for bird species, to avoid collision and electrocution.
29. Vegetation clearing must be kept to a minimum, flora and faunal species of biodiversity importance.
30. The development footprint must be kept to a minimum and natural vegetation must be encouraged to return to disturbed areas.
31. Immediate rehabilitation/ re-vegetation using indigenous vegetation must be done upon completion of construction activities.
32. You are required to oblige with Telkom standards and specifications as stated on the letter dated 20 February 2017, appended to the BAR dated March 2018.
33. Dust impacts must be kept to an absolute minimum during construction as specified by South African Astronomical Observatory letter dated 04 December 2017, appended to the BAR dated March 2018.
34. Potable water must not be used to mitigate dust nuisance.
35. The use of generators on site must include the use of drip trays.
36. Construction must include design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
37. 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

38. A copy of this environmental authorisation, the audit and compliance monitoring reports, and the approved Environmental Management Programme, must be made available for inspection and copying-

- 38.1. at the site of the authorised activity;
- 38.2. to anyone on request; and
- 38.3. where the holder of the environmental authorisation has a website, on such publicly accessible website.
39. 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: 27/06/2018



Mr Vusi Skosana

**Acting Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs**

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 information contained in the Basic Assessment Report dated March 2018;
- b) The comments received from the following authorities: Northern Cape Department of Roads and Public Works; Commission on Restitution of Land Rights; Telkom SA; BirdLife; South African Astronomical Observatory (SAAO); SENTECH; the South African Heritage Resources Agency (SAHRA) and interested and affected parties, as included in the Basic Assessment Report dated March 2018;
- c) Mitigation measures as proposed in the Basic Assessment Report dated March 2018 and the Environmental Management Programme;
- d) The information contained in the specialist studies contained within Appendix 6 of the Basic Assessment Report; and
- e) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act No.107 of 1998) as amended.

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 and desirability of the proposed project is to feed electricity into the national grid.
- c) The Basic Assessment Report dated March 2018 identified all legislation and guidelines that have been considered in the preparation of the Basic Assessment Report.
- d) The methodology used in assessing the potential impacts identified in the Basic Assessment Report dated March 2018 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 Environmental Impact Assessment 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 Basic Assessment Report dated March 2018 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 Basic Assessment Report dated March 2018 is accurate and credible.
- e) Environmental Management Programme measures for the pre-construction, construction and rehabilitation phases of the development were proposed and included in the Basic Assessment Report 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

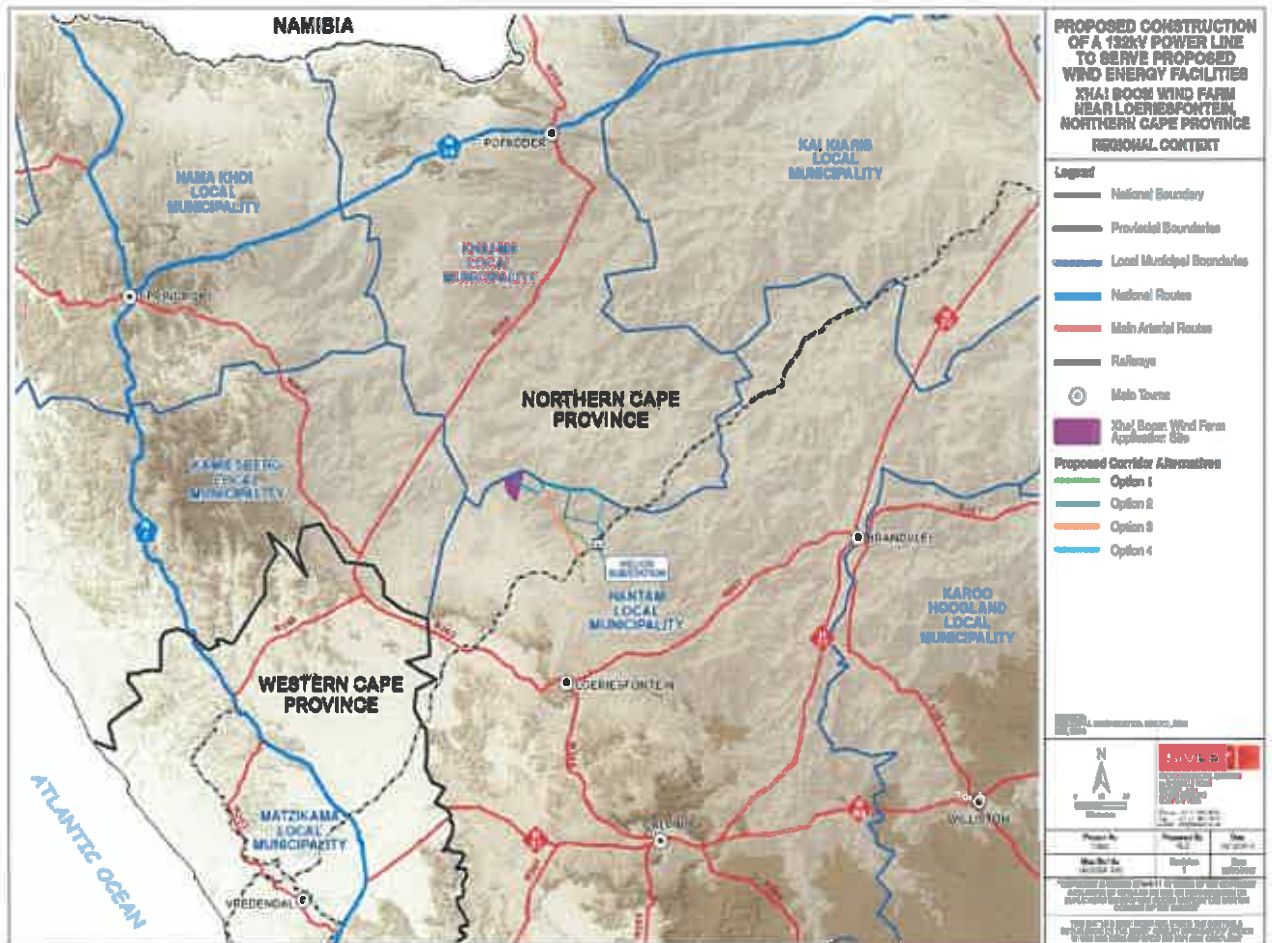


Figure 1: The proposed IXha Boom On-site Eskom Substation, 132kV Linking Substation and associated 132kV power line.



environmental affairs

**Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA**

**Private Bag 2447 PRETORIA 0001 Environment House - 473 Steve Biko Road, Arcadia- PRETORIA
Tel: (+27 12) 300 8372
Enquiries: Mr Ismaam Abdur Telephone: 012 399 8330 E-mail: isabdur@environment.gov.za**

**Mr. Vusi Skosana
Director: Strategic co-ordination planning and support**

Dear Mr. V Skosana

APPOINTMENT AS ACTING CHIEF DIRECTOR: INTEGRATED ENVIRONMENTAL AUTHORISATIONS FOR THE PERIOD 18 JUNE 2018 UNTIL 29 JUNE 2018 (2 WEEKS).

I hereby inform you that I have decided to appoint you as the Acting Chief Director: Integrated environmental authorisations for the period 18 June 2018 until 29 June 2018 whilst Mr. Sabelo Malaza is on Annual Leave.

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


Mr Ismaam Abdur

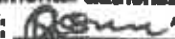
DDG : LACE

Date:

14/06/2018

ACKNOWLEDGEMENT

I ACCEPT / DO NOT ACCEPT appointment as Acting Chief Director: Integrated environmental authorisations

Signed: 

Date: 14/06/2018