



APPLICATION FOR AN ELECTRICITY GENERATION
LICENCE IN TERMS OF THE ELECTRICITY REGULATION
ACT, 2006 (ACT NO. 4 OF 2006).

Please return completed form to:

HOD: Electricity Licensing and Compliance
National Energy Regulator of South Africa
Kulawula House, 526 Vermeulen Street
Arcadia, 0083
Pretoria

Or:

HOD: Electricity Licensing and Compliance
National Energy Regulator of South Africa
P.O. Box 40343
Arcadia
0007

Tel (012) 401 - 4600
Fax (012) 401 - 4700

SECTION A PARTICULARS OF APPLICANT

- A1 Full name of applicant (business name) and business registration number
Eskom Holdings SOC Limited
Reg. No. 2002/015527/30
- A2 Address of applicant, or in the case of a body corporate, the registered head office
- Physical address
Megawatt Park
Maxwell Drive
Sunninghill
Johannesburg
2196
- Postal address
P O Box 1091
Johannesburg
2000
- A3 Telephone number of applicant
(011) 800 8111
- A4 Fax number of applicant
(011) 800 3111
- A5 Email address of applicant
lynette.vajeth@eskom.co.za
- A6 Contact person
- First name **Lynette**
- Surname **Vajeth**
- Telephone No **(011) 800 3441**
- Mobile No **073 195 2012**
- Fax No. **(011) 800 3442**
- Email address **lynette.vajeth@eskom.co.za**

A7 Legal form of applicant
Company

Note to Section A

- 1) State whether the applicant is a local government body, a juristic person established in terms of an act of parliament, a department of state, a company or other legal body.

Eskom is a State Owned Company

- 2) If the applicant is a local government body, attach a copy of the proclamation establishing such body. Where the applicant is a company, the full names of the current directors and the company registration number are required.

Directors/Board members:

Professor Malegapuru Makgoba (Chairman)

Mr André de Ruyter (Group Chief Executive)

Mr Calib Cassim (Chief Financial Officer)

Dr Banothile Makhubela

Ms Nelisiwe Magubane

Dr Rod Crompton

Professor Tshepo Mongalo

Ms Busisiwe Mavuso

Dr Pulane Molokwane

Eskom Holdings SOC LTD Reg No 2002/015527/30

SECTION B COMMENCEMENT DATE OF LICENCE

B1 Desired date from which the licence (if granted) is to take effect
March 2023

Note to Section B

- 1) The normal processing time for a licence application is 120 days once all relevant information has been provided and there are no objections received.
- 2) If the applicant intends operating more than one generation station under the proposed licence, please complete separate application forms for each generation station.

APPLICATION FOR PUBLIC SHARING

SECTION C PARTICULARS OF PROPOSED GENERATION STATION

C1 Name of generation station
Ankerlig Power Station

Note: Ankerlig Power Station is currently operating under the NERSA Generation Licence issued to Eskom. This application is for an amendment to the existing license to reflect the increase in capacity from three additional units to be added under the Ankerlig Transmission Koeberg Second Supply (ATKSS) Project. The additional units will be called Ankerlig 3, however, the power station will retain the name “Ankerlig”. The additional units will also provide an off-site supply to Koeberg Nuclear Power Station

C2 Geographical location of generation station (please attach maps)
Please refer to Appendix 1, 2 & 3.

C3 Address of generation station
**Neil Hare Road
Atlantis (Industria)
Western Cape**

C4 Contact person at generation station
First name and Surname **Avi Singh**
Telephone No **(021) 941 5933**
Mobile No **083 303 3304**
Fax No **086 662 5823**
Email address **SinghA@eskom.co.za**

C5 Type of generation station (thermal, nuclear, hydro, pumped storage, gas turbine, diesel generator or other)
Gas Turbines, diesel will be used as the primary energy source

C6 Expected commissioning date for a proposed generation station or at which the station was commissioned (if an existing station).
The ATKSS generating units will be located within the existing Eskom Ankerlig Power Station site.

**Start Date of Commissioning March 2023
Commercial Operational Date March 2024**

C7 The installed capacity (existing and/or planned) of each unit within the generation station (MW)
The existing three gas turbines at Acacia Power Station provide a second off-site supply to Koeberg Power Station. The transmission line between the two power stations is 400 KV line that is operated at 132 KV due to the size of

Acacia Power Station. The 400 KV transmission line overloads for certain network contingencies with the additional capacity installed at Ankerlig. The plan is to build 3 new generation units at Ankerlig. At ISO (standard) conditions the output of each new Generator is expected to be approximately 30,805MW. For the 3 units the accumulative output is expected to be 92,415 MW.

Existing Capacity

Ankerlig 1: 4 Units x 150 MW = 600 MW

Ankerlig 2: 5 Units x 150 MW = 750 MW

Total Existing Capacity = 1 350 MW (consisting of Ankerlig 1 & 2)

Planned Capacity

Ankerlig 3: 3 Units x 30,805 = 92,415 MW

Total Capacity after addition of Ankerlig 3 = 1442,415 MW (consisting of Ankerlig 1, 2 and 3)

- C8 Maximum generation capacity (MW) expected to be available from the generation station and energy to be produced (MWh) over the next 5years of operation. These estimates should be based on modelling of how the power station will fit into the demand profile of its customers, taking into account the least cost energy purchase consideration and demand management options of customers.

The table below is based on the additional output expected from the new units (Ankerlig 3) only.

YEAR	Max MW	Total MWh	Own use MWh	Export (Sales) MWh
2024	92,415	40 500	2 000	38 500
2025	92,415	40 500	2 000	38 500
2026	92,415	40 500	2 000	38 500
2027	92,415	40 500	2 000	38 500
2028	92,415	40 500	2 000	38 500
2029	92,415	40 500	2 000	38 500

NB: The primary function of the facility is to provide a second off-site supply for Koeberg Nuclear Power Station. It will only be run in the event of an emergency (with an estimated load factor of 5% and a house load of 5% of the generating capacity)

- C9 Estimate of the energy conversion efficiency of the generation station.
+/- 37%

C10 Expected future life of the generation station.
25 Years for the three additional units.

APPLICATION FOR PUBLIC SHARING

SECTION D**PARTICULARS OF LONG TERM ARRANGEMENTS
WITH PRIMARY ENERGY SUPPLIERS**

D1 Name of primary energy supplier/s (mining house, colliery or other fuel supplier)
Diesel_____

D2 Particulars of the contractual arrangements with primary energy supplier
Multi contracts with various suppliers_____

Notes to Section D

- 3) Please provide brief particulars of any long term agreements entered into with fuel suppliers and copies of such contracts (Signed Fuel Supply Agreements).

**PRIVILEGED AND CONFIDENTIAL INFORMATION HAS BEEN
REMOVED FROM THE PUBLIC VERSION OF THE APPLICATION**

SECTION E**MAINTENANCE PROGRAMMES AND
DECOMMISSIONING COSTS**

E1 Details of any proposed major maintenance programmes, including the expected cost and duration thereof, covering the next six years. Project proposals to state the expected availability, planned outage rate and forced outage rate of the plant over the first five years of operation.

The additional units will follow the existing outage philosophy for Eskom Peaking stations, which are as follows:

Availability: 90%

Planned outage rate: 7%

Forced outage rate: 3%

E2 Details of any major decommissioning costs expected during the life span of the power station and provided for in the project feasibility study.

No specific decommission costs were provided for as part of the ATKSS project. Due to the requirement for the new units to be a second off-site supply for Koeberg (to enable Koeberg to shut down safely), these units are expected to remain until Koeberg is decommissioned.

E3 Details of major generation station expansion and modifications planned for in the feasibility study (Dates, Costs in Rands (state year) and description)

Eskom is currently busy with a feasibility study to convert Ankerlig 1 and Ankerlig 2 from Open Cycle Gas Turbines to Combined Cycle Gas Turbines

APPLICATION FOR PUBLIC SHARING

SECTION F CUSTOMER PROFILE

- F1 Particulars of the person or persons to whom the applicant is providing or intends to provide electricity from the generation station

Koeberg power station and the national electricity grid

- F2 Network connection details (connection points, voltages, wheeling arrangement, single line diagram)

The connection is on the Koeberg Dassenberg 132kV transmission line. During a Koeberg Auto Start, in the event that the 400-kV network is lost, this will become a dedicated off site supply for Koeberg power station, supplying emergency power for safety related loads. Please refer to Appendix 9.

- F3 Provide summary details of Power Purchase Agreements with customer including purchasing price etc. (Please attach Power Purchase Agreements).

The power generated is for internal, supply to Eskom so safely shut down Koeberg under emergency conditions.

Notes to Section F

- 4) For example, supply to ESKOM or supply to local government distribution system. Please include the details of power purchase agreements entered into and the price structure of the contract.

N/A

SECTION G FINANCIAL INFORMATION

- G1 Submit projections of and current statements of the accounts in respect of the undertaking carried on by the applicant, showing the financial state of affairs of the most recent period, together with copies of the latest audited annual accounts where such have been prepared.

Please refer to the Eskom Financial Statements of 31 March 2020.

- G2 Submit annual forecasts for the next five years of costs, sales and revenues generated by the project, stating the assumptions underlying the figures.

The construction of the ATKSS facility is of a strategic nature and it is required to ensure compliance to the SA Grid Code. If the facility is not constructed, it will result in the existing lines connecting Koeberg and Acacia exceeding their thermal limit under healthy system conditions. It will also, under certain network contingencies, limit the generation capacity at Ankerlig to a maximum of four units.

The facility is not intended to generate additional sales revenue, however it will be available to supply the Grid in the event of an emergency.

- G3 Estimates of net annual cash flows for subsequent periods (5 years; 10 years; 15 years) sufficient to demonstrate the financial security and feasibility of operating the generation station.

The facility is not intended to generate additional sales revenue, however it will be available to supply the Grid in the event of an emergency. For this reason no further cash flows have been forecasted.

- G4 Project financing: Who will finance the project, how is funding split between debt and equity, and what is the terms and conditions of the funding agreements.

Eskom projects are funded from a general pool of funds which may be partly or entirely made up of Equity and/or Debt, depending on the availability of funds. At a project level it is not possible to say what ratios are in the funding split as all projects are funded from the general pool. There are no terms and conditions on generally funded projects.

Notes to Section G

- 5) The financial projections should be based on a production plan for the generation station and the revenue generated by participating in the electricity market and by bilateral contracts (Power Purchase Agreements) with customers. Reference to the latest version of National Integrated Resource Plan (IRP) is required to demonstrate that the proposed power purchase agreement is the least cost solution available to the electricity purchaser.

A number of factors have been considered for the costing of this project, when comparing it to international benchmarks, these include the following:

- **The size of the unit to meet the requirement is less than usual**
- **Shipping costs from major markets and cost for foreign OEM QA/QC**
- **Nuclear safety uniqueness including black start capabilities, redundancies, dedicated fire protection, etc.**
- **Costs associated with local risk**

SECTION H HUMAN RESOURCES INFORMATION

- H1 Submit details of the number of staff and employees and their categories in the service of the applicant at the generation station and in any support services separate from the generation station. Also provide information regarding relevant qualifications and experience in critical areas e.g. Professional registration (Engineering Council of South Africa – ECSA), Government Certificate of Competency.

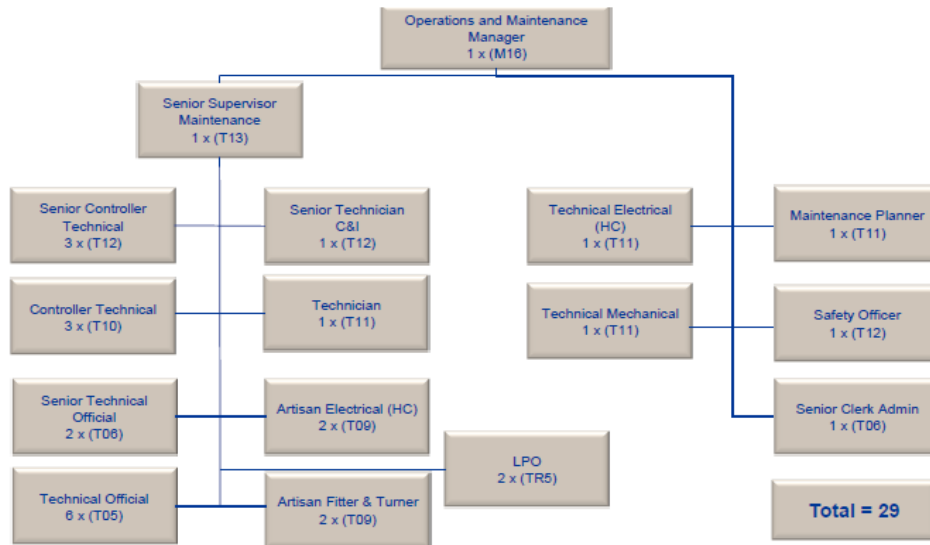


Figure 1- Proposed Organogram for the Ankerlig 3 Facility

Figure 1 above shows the proposed organogram (man plan) for the new facility. Approximately 29 people will be employed at the facility. This power station will form part of the Peaking Business Unit, which in turn forms part of the Generation Division in Eskom. All the support functions in the Peaking Business Unit is centralised and this includes the following services: Engineering, Finance, Human Resources and other general support functions.

SECTION I**PERMISSION FROM OTHER GOVERNMENT
DEPARTMENTS OR REGULATORY AUTHORITIES**

- I1 What progress has been made to obtain the required permits and approvals for the generation project? Please provide copies of permits issued by the relevant environmental and safety agencies in respect of the operation of the generation station.

Regulating Authority	Permit or Approval	Applicable legislation or Code Of Practice	Status Report
Department of Environmental Affairs	Environmental Authorisation <i>ATKSS Facility</i>	National Environmental Management Act 107 of 1998, EIA Regulations	Approved Sept 2015 Appendix 10
Department of Environmental Affairs	Environmental Authorisation <i>132 kVA Lines</i>	National Environmental Management Act 107 of 1998, EIA Regulations	Approved Aug 2015 Appendix 11
Local Municipality (Planning & Zoning Dept.)	Rezoning Approval – Industrial Noxious	SPELUM Blaauberg Municipality	Approved Sept 2008 Appendix 12
NERSA	SCO Exemption	South African Grid Code	Approved March 2015 Appendix 13
Department of Energy	Section 34 Determination	Section 34 Determination	Approved 27 May 2016 Appendix 14
Ministry of Public Enterprises	PFMA approval for the ATKSS project	Section 54(2) of the PFMA	Approved July 2015 Appendix 15

SECTION J**BROAD-BASED BLACK ECONOMIC EMPOWERMENT**

J1 Please provide information in terms of the following categories

COMPONENTS	POINTS	0.5	0.75	1
Direct Empowerment	Black Ownership	10% to <20%	20% to 50%	>50%
	Black Management	20% to <35%	35% to 50%	>50%
	Black Female Management	1% to <5%	5% to 10%	>10%
Human Resource Development	Black Skilled Personnel as % of payroll	20% to <35%	35% to 50%	>50%
	Skills Development Programs as % of payroll	1% to <5%	5% to 10%	>10%
	Employment Equity i.e. Women Representation	20% to <35%	35% to 50%	>50%
Indirect Empowerment	Procurement from Black/BEE Suppliers	20% to <35%	35% to 50%	>50%
	Enterprise Development i.e. Monetary Investment or quantifiable non-monetary support in SMME with BEE contributions as % of Net Asset Value/ EBITDA/Total Procurement	10% to <20%	20% to 25%	>25 %
	Industry specific initiatives to facilitate the inclusion of black people in the sector as % of net profit	1% to <5%	5% to 10%	>10%
NERSA's Discretionary Points	Based on skills transfer and fulfilment or acceleration of other national objectives e.g. employment of disabled personnel robust implementation of mechanisms to verify the BEE status of suppliers reported under preferential procurement and utilization of DTI approved accreditation agencies and so on.	1% to <5%	5% to 10%	>10%

SECTION K ADDITIONAL INFORMATION

Provide any other relevant information related to this application.

In order to meet nuclear safety requirements, additional generation capacity from open-cycle gas turbines (OCGT) is needed at Eskom's Ankerlig Power Station.

Nine OCGT units are currently installed at Ankerlig and each unit has a capacity of approximately 150 MW. The first four OCGT units were commissioned in 2007 and the next five units in 2009.

It was identified, during the planning stages of Ankerlig, that under certain network contingencies, the network would not comply with the Grid Code for the subsequent five units. This held the implication therefore that Eskom would have had to reduce electricity production at Ankerlig, and potentially at Koeberg, under certain network conditions. Fortunately, Eskom has received a concession from NERSA to operate the network temporarily in this above manner. In a letter dated March 2015, Eskom was granted an exemption and amendment to the South African Grid Code until 31 December 2017. In 2017 Eskom applied to NERSA for an extension to Dec 2021, a copy of the application request is attached, see Appendix 14.

After careful consideration of various options to resolve the identified network constraints, a decision was taken to use an existing 400-kV line as the second Acacia – Koeberg 400-kV line. This would be facilitated by establishing the second Koeberg supply at Ankerlig, which in turn would entail the installation and commissioning of new generation units at Ankerlig, with a generating capacity of approximately 90,415 MW.

Although these new units will be used primarily to meet nuclear safety requirements, when not in use by Koeberg they could also be available to the grid as a supply-side option.

In March 2015, Eskom applied for the determination to build the new plant and the determination was approved by the DoE (see attached: *Government Gazette*, Vol. 611, 27 March 2016, No. 40025.)

The duration of the project is expected to be about 30 months. The ATKSS project was included in all subsequent MYPD applications.

The project is needed to release the Acacia Koeberg 132-kV line, currently used as a dedicated line for the Koeberg off-site supply, to be energised as the second Acacia-Koeberg 400-kV line. The second 400-kV line is required for the network to be grid code compliant. Not executing the project will result in the existing lines connecting Koeberg with Acacia to exceed their thermal limit under system-healthy conditions.

It will also limit the generation capacity at Ankerlig to a maximum of four units under certain network contingencies.

APPLICATION FOR PUBLIC SHARING

SECTION L DECLARATION

On behalf of the applicant, I hereby declare that:

- (a) the applicant shall at all times comply in every respect with the conditions attached to any licence that may be granted to the applicant;
- (b) the applicant shall at all times comply with lawful directions of the National Energy Regulator of South Africa;
- (c) the information provided by me on behalf of the applicant is accurate and complete in all respects; and
- (d) I am authorised to make this declaration on behalf of the applicant.

Signed:

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Full name(s) of Signator(y/ies):

Phillip Dukashe	
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Position held (if the applicant is a company, co-operative, partnership, unincorporated association or any other body corporate):

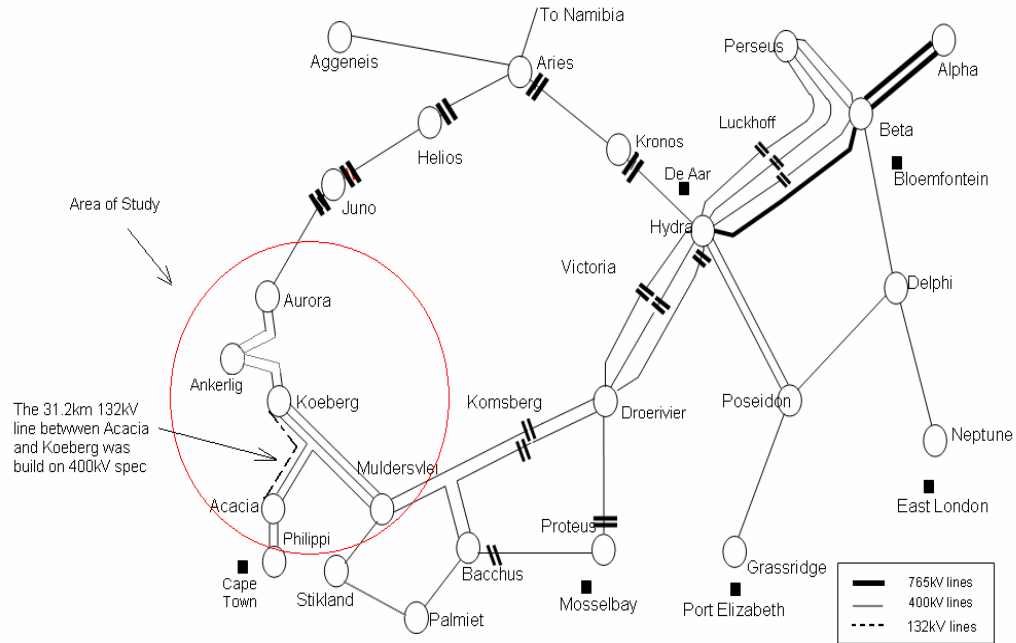
Group Executive: Generation	
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Date:

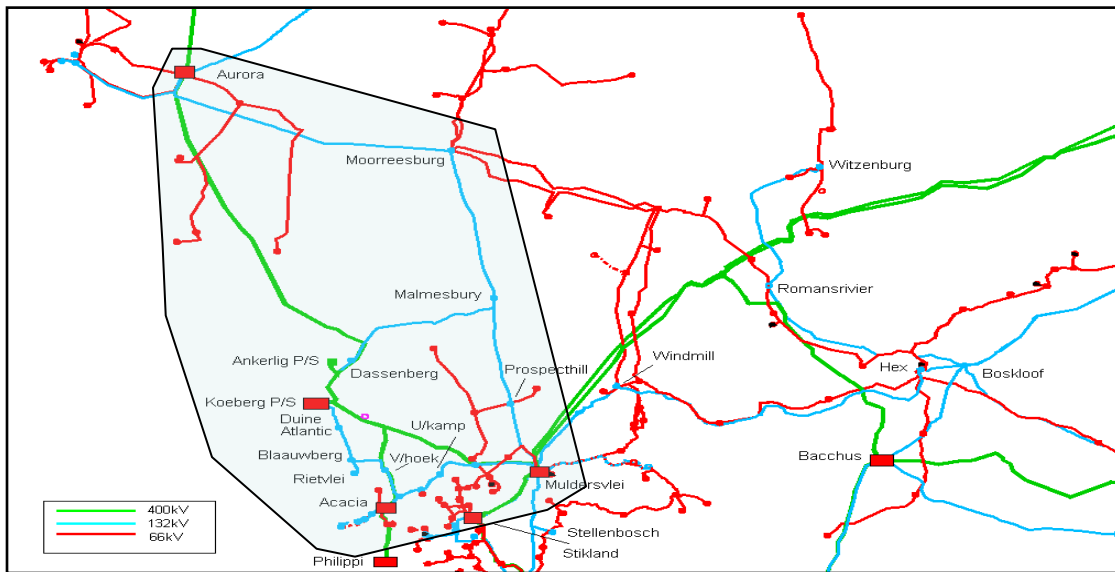
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Appendix 2 - Existing Cape 400kV system showing Koeberg-Acacia2 132kV line to be uprated to 400kV to create 5th line out of Koeberg and 3rd 400kV infeed to Acacia



Appendix 3 - Geographic layout of existing Transmission and Distribution networks surrounding Koeberg, Ankerlig, and Acacia



Appendix 4 - Fuel Supply Agreement

**PRIVILEGED AND CONFIDENTIAL INFORMATION HAS BEEN REMOVED
FROM THE PUBLIC VERSION OF THE APPLICATION**

APPLICATION FOR PUBLIC SHARING

Appendix 5 - Fuel Supply Agreement

**PRIVILEGED AND CONFIDENTIAL INFORMATION HAS BEEN REMOVED
FROM THE PUBLIC VERSION OF THE APPLICATION**

APPLICATION FOR PUBLIC SHARING

Appendix 6 - Fuel Supply Agreement

**PRIVILEGED AND CONFIDENTIAL INFORMATION HAS BEEN REMOVED
FROM THE PUBLIC VERSION OF THE APPLICATION**

APPLICATION FOR PUBLIC SHARING

Appendix 7 - Fuel Supply Agreement

**PRIVILEGED AND CONFIDENTIAL INFORMATION HAS BEEN REMOVED
FROM THE PUBLIC VERSION OF THE APPLICATION**

APPLICATION FOR PUBLIC SHARING

Appendix 8 - Fuel Supply Agreement

**PRIVILEGED AND CONFIDENTIAL INFORMATION HAS BEEN REMOVED
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APPLICATION FOR PUBLIC SHARING

Appendix 9 - System Diagrams

Figure A - Existing 132kV system configuration

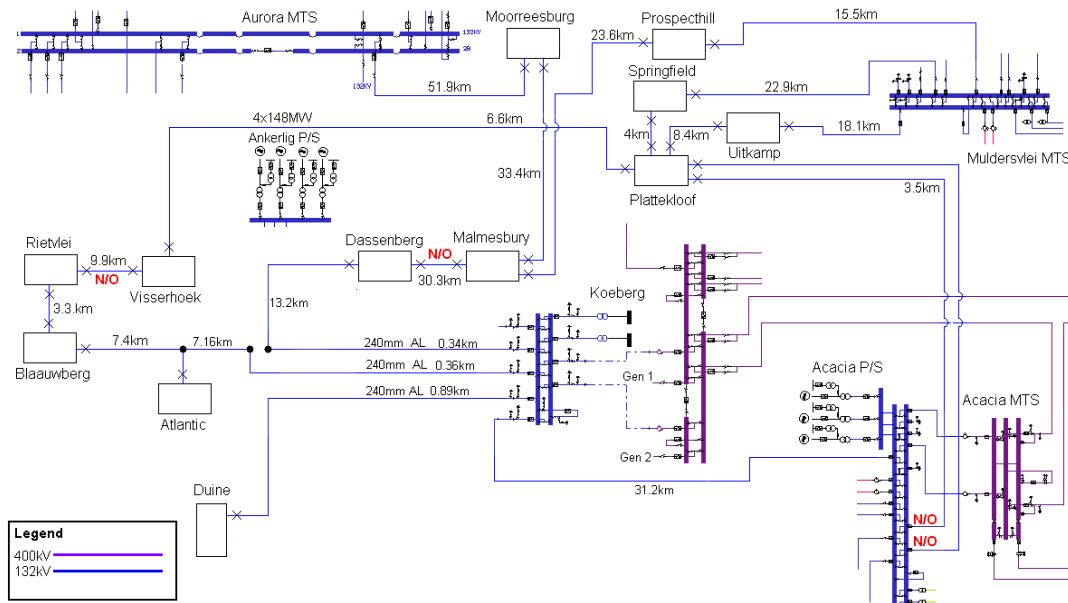
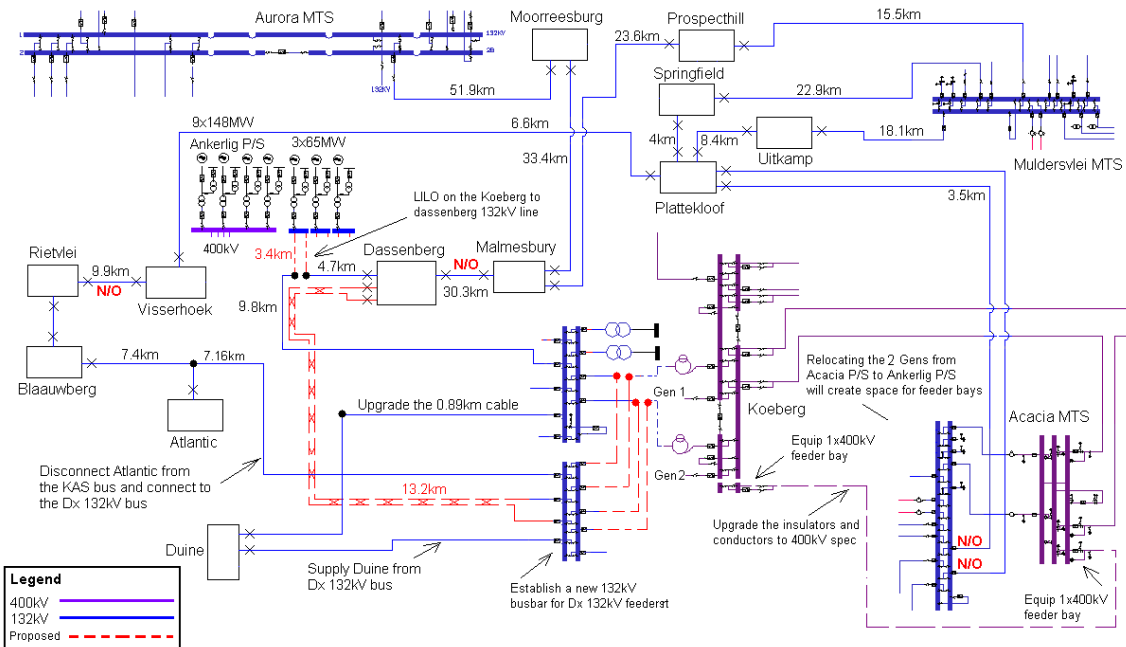


Figure B - Proposed 132kV system configuration



Appendix10 - Environmental Authorisation for ATKSS Facility



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: 12/12/20/1155/A3

Enquiries: Portia Makilla

Telephone: 012-399 9411 E-mail: pmakilla@environment.gov.za

Ms D Herbst
Eskom Holdings SOC Limited
P O Box 1091
JOHANNESBURG
2000

Tel: 011 800 3501
Email: HerbstDL@eskom.co.za

PER EMAIL / MAIL

Dear Ms Herbst

AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 20 FEBRUARY 2009 FOR THE PROPOSED DECOMMISSIONING AND RELOCATION OF THE THREE GAS TURBINE UNITS AT ACACIA POWER STATION (NEAR GOODWOOD, WESTERN CAPE) AND ONE GAS TURBINE UNIT AT PORT REX POWER STATION (NEAR EAST LONDON, EASTERN CAPE) TO THE EXISTING ANKERLIG POWER STATION SITE IN ATLANTIS INDUSTRIAL, WESTERN CAPE PROVINCE

The Department's decision on the above application issued on 20 February 2009 and your correspondence dated 06 June 2014 and additional information dated 02 July 2015 refers.

Based on a review of the reason for requesting an amendment to the above authorisation, the Department, in terms of Regulation 42 of the Environmental Impact Assessment Regulations, 2010, has decided to amend the environmental authorisation (EA) dated 20 February 2009 as follows:

- i. The project description is amended:

From:

The decommissioning and relocation of the three gas turbines units at Acacia Power Station at Acacia Power Station (near Goodwood, Western Cape) and one gas turbine unit at Port Rex Power Station (near East London, Eastern Cape) to the existing Ankerlig Power Station site in Atlantis Industrial, Western Cape Province.

To:

Construction of three new gas turbines and associated auxiliaries at Ankerlig Power Station, to be utilised as the Koeberg second off site supply, instead of relocating units from Acacia. The plant will have a combined maximum power output similar to or smaller than that of the plant that would have been relocated from Acacia as detailed. The plant will consists of three or four gas turbines with a combined power output of more or less 100MW.

M.S

ii. Change in the project name:

From:

The decommissioning and relocation of the three gas turbines units at Acacia Power Station at Acacia Power Station (near Goodwood, Western Cape) and one gas turbine unit at Port Rex Power Station (near East London, Eastern Cape) to the existing Ankerlig Power Station site in Atlantis Industrial.

To:

Ankerlig Transmission Koeberg Second Supply project.

This letter must be read in conjunction with the EA dated 20 February 2009.

In terms of Regulation 10(2) of the Environmental Impact Assessment Regulations, 2010 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 12 (twelve) days of the date of the Department's decision in respect of the amendment made as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 7 of the Regulations, which prescribes the appeal procedure to be followed. This procedure is summarised in the attached document. Kindly include a copy of this document with the letter of notification to interested and affected parties.

Should the applicant or any other party wish to appeal any aspect of the amendment decision a notice of intention to appeal must be lodged by all prospective appellants with the Minister, within 20 days of the date of the EA, by means of one of the following methods:

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

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

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.

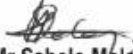
Appeals must be submitted in writing to:

Mr Z Hassam Director: Appeals and Legal Review, of this Department. Mr Hassam can be contacted at:

Email: AppealsDirectorate@environment.gov.za

Telephone number: 012-399-9356/9355

Yours sincerely



Mr Sabelo Malaza

Chief Director: Integrated Environmental Authorisations

Department of Environmental Affairs

Date: 8/09/2015

CC:	Ms. Jo-Anne Thomas	Savannah Environmental (Pty) Ltd	Tel: 011 656 3237	Email: joanne@savannahsa.com
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Appendix 11 - Environmental Authorisation for 132 kV line



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) 389 6372

DEA Reference: 14/12/16/3/3/1/1182

Enquiries: Mphahlele Shubane

Telephone: 012-3999417 E-mail: mshubane@environment.gov.za

Ms Martina Phiri
Eskom Holdings SOC Limited
P.O. Box 1091
JOHANNESBURG
2000

Email: PhiriM@eskom.co.za & MokgwelL@eskom.co.za

PER FACSIMILE / MAIL

Dear Ms Phiri

ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: GN R. 543/544 & 546: DEVIATION OF THE EXISTING 132KV DASSENEBURG-KOEBERG POWER LINE FROM THE KOEBERG POWER STATION INTO THE ANKERLIG POWER STATION IN THE WESTERN CAPE PROVINCE

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

In terms of Regulation 10(2) of the Environmental Impact Assessment Regulations, 2010 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 12 (twelve) 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 7 of the Regulations, which prescribes the appeal procedure to be followed. This procedure is summarised in the attached document. Kindly include a copy of this document with the letter of notification to interested and affected parties.

Should the applicant or any other party wish to appeal any aspect of the decision a notice of intention to appeal must be lodged by all prospective appellants with the Minister, within 20 days of the date of the EA, by means of one of the following methods:

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

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

M-5

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.

Appeals must be submitted in writing to:

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

Email address: AppealsDirectorate@environment.gov.za
Telephone number: 012-399-9356/9355

The authorised activities must not commence within twenty (20) days of the date of signature of the authorisation. Further, 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.

Yours sincerely


Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Date: 26/08/2015

CC:	Ms J. Thomas	Consultancy (EAP)	Tel: 011-656-3237	Email: joanne@savantnahsa.com
	Mr A. Gabriel	Provincial Department: DEADP	Tel: 021-483-4793	Email: Aggabrie@pgwc.gov.za
	Mr A. Ebrahim	City of Cape Town	Tel: 021-400-1330	Email: achmat.ebrahim@capetown.gov.za

Appendix 12 - Rezoning Approval for Industrial Noxious

- 1148

REPORT TO: SPATIAL PLANNING, ENVIRONMENT AND
LAND USE MANAGEMENT COMMITTEE



APPLICATION NO: 143114
FILE REFERENCE: LC 1183 AI;
B14/3/4/1/2/2
AUTHOR: C LOVEMBER
TEL NO: 021-550 1098
DISTRICT: BLAAUBERG (B)
SUBCOUNCIL: No. 7
WARD: No: 23
WARD COUNCILLOR: IAN NEILSON
REPORT DATE: 03 SEPTEMBER 2008

ITEM NO SPEL21/09/08

APPLICATION FOR: REZONING AND SUBDIVISION: PORTION 177 OF CAPE FARM
1183, ATLANTIS INDUSTRIAL AREA.

AANSOEK OM HERSONERING EN ONDERVERDELING: GEDEELTE 177 VAN
KAAPSE PLAAS 1183, ATLANTIS- INDUSTRIËLE GEBIED

ISICELO: SOKUCANDWA NGOKUTSHA NOKWAHLULUHLULWA KOMHLABA:
INXALENYE 177 YE-CAPE FARM 1183, ATLANTIS INDUSTRIAL AREA.

1 DECISION AUTHORITY

	RECOMMENDATION	DECISION
SUBCOUNCIL		
SPELUM		✓
PEPCO		
MAYCO		
COUNCIL		
PGWC		

In terms of Part 4 (b), where an application is subject to an EIA, HIA or TIA, S.P.E.L.U.M. is the delegated authority (EIA: A development application made in terms of LUPO which is subject to a scoping and environmental impact assessment as set out in Part 3 of R 385 of GN 28753 dated 21 April 2006 as read with R 387 as amended from time to time or an EIA required in terms of the regulations promulgated in terms of the Environmental Conservation Act and now repealed).

2 EXECUTIVE SUMMARY

2.1 Development proposal

1. Application for rezoning in terms of Section 17 of the Land Use Planning Ordinance, 1985 (No. 15 of 1985) to rezone a portion of Cape Farm 1183 Atlantis Industrial Area from General Industrial, Local Authority and street to Noxious Industrial to permit an electricity generating power station (Ankerlig Open Cycle Gas Turbine (OCGT) and Combined Cycle

Appendix 13 - Grid Code Exemption



Attention to: **Avi Singh**
PEAKING POWER STATION MANAGER

Date: 13 January 2017
Ref: GCEXE/15004

Enquiries: Bernard Magoro
Tel: 083 292 2876
Target Mchunu
Tel: 011-871 3076

Dear Mr Singh

NERSA DECISION ON APPLICATION FOR EXEMPTION TO THE SOUTH AFRICAN GRID CODE.

Your application dated *11 June 2015* for a **permanent exemption** to clause 3.1.4 (2) of the Network Code version 9 refers.

This letter serves to inform you that NERSA has approved your application for **permanent exemption** to clause 3.1.4 (2) of the Network Code version 9 as per application reference GCEXE/15004.

The Grid Code will be updated with your exemption status.

Please feel free to contact the undersigned should you require any further information

Kind regards

Bernard Magoro
General manager: System Operator

Date: 16/01/2017

Transmission Division
Grid Code Management
Cnr Lake & Power streets, Germiston, P.O.BOX 103, Germiston, 1400, SA
Tel +27 11 871 2774, Fax +27 11 871 3238 www.eskom.co.za

Appendix 14 - Section 34 Determination

DEPARTMENT OF ENERGY

NO. 601

27 MAY 2016

ANKERLIG 100MW ADDITIONAL CAPACITY GAS PROGRAMME

DETERMINATION UNDER SECTION 34(1) OF THE ELECTRICITY REGULATION ACT, 2006 (ACT NO. 4 OF 2006)

The Minister of Energy ("the Minister"), in consultation with the National Energy Regulator of South Africa ("NERSA"), acting under section 34(1) of the Electricity Regulation Act, 2006 (Act No. 4 of 2006) (as amended) and the Electricity Regulations on New Generation Capacity (published as GNR. 399 in Government *Gazette* No. 34262 dated 04 May 2011) ("Regulations"), has determined as follows:

1. that new generation capacity is needed to contribute towards energy security, including 100 megawatts (MW) to be generated from gas and / or liquid fuels which represents part of the 237 MW allocated to "Gas CCGT (natural gas)", under the heading "New build", for the year 2029, in Table 3 of the Integrated Resource Plan for Electricity 2010-2030 (published as GN 400 of 06 May 2011 in Government *Gazette* No. 34263) ("IRP 2010-2030") ("new generation capacity");
2. notwithstanding that the IRP 2010 – 2030 appears to primarily contemplate LNG as the potential source of natural gas for power generation and indicated (amongst other things) that other sources still require further research, the new generation capacity determined as necessary in paragraph 1 above, may be generated from any gas type or source (including natural gas delivered to the power generation facility by any method including by pipeline from a natural gas field or elsewhere or an LNG based method; coal bed methane; synthesis gas or syngas; above or underground coal gasification; Shale Gas and any other gas type or source as may be considered appropriate by the procurer), and may be generated using any appropriate technology, notwithstanding that the IRP 2010 – 2030 may not have contemplated such technology or have considered it viable;

3. the new generation capacity shall be established by Eskom Holdings SOC Limited at the existing Ankerlig Power Station for the purpose of providing dedicated back up power to Koeberg Nuclear power station;
4. the new generation capacity may be supplied into the dedicated transmission line between Ankerlig Power Station and Koeberg Nuclear Power Station and/or may be connected to the National Grid. If Eskom decides to connect the new generation capacity to the National Grid, Eskom shall do so as soon as reasonably possible according to a schedule that may differ from the timetable set out in Table 3 of the IRP 2010-2030; and
5. pursuant to Regulation 9(3) of the Regulations the electricity produced by the new generation capacity shall be provided to Eskom and Eskom shall not be required to enter into a power purchase agreement with itself, this is however subject to any requirements that NERSA may have regarding agreements or arrangements to facilitate the separation of the financial accounts of the generation, transmission and distribution businesses of Eskom.

Concurrence to this Determination given by the National Energy Regulator of South Africa on the below mentioned date:

Signed: _____

MR JACOB MODISE

CHAIRPERSON: NERSA

DATE: 03/02/2016

Determination made by the Minister of Energy on the below mentioned date:

Signed: _____

MS TINA JOEMAT-PETTERSSON, MP

MINISTER: ENERGY

DATE: 11/11/2015.

APPLICA

Appendix 15 - PFMA Approval



**MINISTRY
PUBLIC ENTERPRISES
REPUBLIC OF SOUTH AFRICA**

Private Bag X16 Hatfield, 0028 Tl: (012) 481 1140 Fax: (012) 431 1030
Private Bag 2779 CAPETOWN, 8000 Tel: (021) 461 6780/7-469 6780 Fax: (021) 461 1461/1461 1741

Dr. Ben Ngubane
Acting Chairperson
Eskom Holdings SOC Limited
PO Box 1091
Johannesburg
2000

Tel: 011 600 2030

Fax: 011 600 5803

Dear Dr Ngubane

**Application in terms of Section 54(2) d of the Public Finance Management Act (PFMA)
for the Ankerlig Transmission Koeberg Second Supply Project**

I refer to the above matter, in particular your application received on 22 April 2015. In response thereto, I hereby grant Eskom approval in terms of section 54(2)(d) for the Ankerlig Transmission Koeberg second supply project subject to the condition of Eskom receiving the necessary approvals from the Minister of Energy in relation to new generation capacity and nuclear safety requirements.

I also request that you provide the Department with a detailed plan and progress update of this project going forward.

Yours sincerely

MS. LYNNE BROWN, MP
MINISTER OF PUBLIC ENTERPRISES
DATE: 21 July 2015

Cc: Acting Chief Executive Officer: Mr Brian Molefe