

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
NOTICE OF AVAILABILITY OF THE DRAFT EIA REPORTS FOR**

**The Proposed Ankerlig Power Station Conversion and Transmission Integration Project
AND
The Proposed Decommissioning and Relocation of the Acacia and Port Rex Power Station
Gas Turbines to the Ankerlig Power Station Site**

AN ESKOM INITIATIVE

Applicant: Eskom Holdings Limited

Proposed Activities:

- Conversion of the nine OCGT units at the existing Ankerlig Power Station (located in Atlantis Industria) to a Combined Cycle Gas Turbine (CCGT) Power Station in order to increase the generating capacity of this power station by approximately 720 MW. The proposed conversion involves the establishment of infrastructure associated with CCGT units and will be developed on the site of the existing Ankerlig OCGT power station (Application Reference No.: **12/12/20/1014**)
- The construction of a 400kV transmission power line between the Ankerlig Power Station and the Omega Substation (to be constructed on the Farm Groot Oliphantskop 81) in order to transmit the additional power generated at this power station into the National electricity grid (Application Reference No.: **12/12/20/1037**)
- Decommissioning of the existing three (3) Acacia and one (1) Port Rex aero derivative gas turbine units and the relocation of these units to the existing Ankerlig Power Station site in Atlantis in order to stabilise the transmission network in the area and ensure the required dedicated back-up power supply to the Koeberg Nuclear Power Station. These gas turbines are proposed to be connected to Koeberg through turning the existing Koeberg-Dassenberg 132 kV line into a new 132kV HV yard adjacent to the HV yard within the existing Ankerlig Power Station site (Application Reference No.: **12/12/20/1155**)

DRAFT EIA REPORTS AVAILABLE FOR REVIEW

Draft EIA Reports for the above projects have been prepared by Savannah Environmental and are now available for public review. You are invited to review the report at one of the following locations:

Ankerlig conversion and Transmission Integration Project:

Wesfleur Library	Atlantis Residents and Ratepayers Association office
Red Door Local LED Office	Atlantis Development Forum Office
Avondale Library	Melkbosstrand Residents and Ratepayers Association
Melkbosstrand Library	

Acacia and Port Rex Relocation Project:

Wesfleur Library	Avondale Library
Melkbosstrand Library	Edgemead Library
East London central Library	

Both reports will be available at www.eskom.co.za/eia and www.savannahSA.com

The period for review is **22 September 2008 to 22 October 2008**. Please submit written comment by **20 October 2008** to the relevant contact person below.

Shawn Johnston by Sustainable Futures ZA

PO Box 749, Rondebosch, Cape Town, 7701

Tel: 083 325 9965

Fax: 086 510 2537

E-mail: swjohnston@mweb.co.za

www.savannahsa.com



OMGEWINGSIMPAKEVALUERINGSPROSES
KENNISGEWING VAN BESIKKBAARHEID VAN DIE KONSEP OIE-VERSLAE VIR

Die voorgestelde Ankerlig Kragstasie-omskakeling en Transmissie-integrasieprojek
EN

Die Voorgestelde Uitgebruikneming en Verskuiwing van die Acacia en Port Rex Kragstasie
Gasturbines na die Ankerlig Kragstasieterrein

'N ESKOM-INISIATIEF

Applikant: Eskom Holdings Beperk

Voorgestelde Bedrywighede:

- Omskakeling van die nege OSGT-eenhede by die bestaande Ankerlig Kragstasie (geleë te Atlantis Industria) na 'n Gekombineerde Siklus Gasturbine (GSGT) Kragstasie ten einde die opwekkingsvermoë van hierdie kragstasie met ongeveer 720 MW te verhoog. Die voorgestelde omskakeling behels die daarstelling van infrastruktuur wat gepaardgaan met GSGT-eenhede en sal ontwikkel word by die terrein van die bestaande Ankerlig OSGT-kragstasie (Aansoekverwysingsnommer: **12/12/20/1014**).
- Die oprigting van 'n 400 kV transmissiekraglyn tussen die Ankerlig Kragstasie en die Omega Substasie (wat op die plaas Groot Oliphantskop 81 opgerig sal word) ten einde die addisionele krag wat by hierdie stasie opgewek gaan word oor te bring na die Nasionale elektrisiteitnetwerk (Aansoekverwysingsnommer: **12/12/20/1037**).
- Uitgebruikneming van die bestaande drie (3) Acacia en een (1) Port Rex lugafgeleide gasturbine-eenhede en die verskuiwing van hierdie eenhede na die bestaande Ankerlig Kragstasieterrein te Atlantis ten einde die transmissienetwerk in die gebied te stabiliseer en om die vereiste toegewyde noodkragtoevoer aan die Koeberg Kernkragstasie te verseker. Daar word voorgestel dat hierdie gasturbines aan Koeberg gekoppel word deur die bestaande Koeberg-Dassenberg 132 kV lyn in 'n nuwe 132 kV HS-werf langs die HS-werf in die bestaande Ankerlig Kragstasieterrein om te lus (Aansoekverwysingsnommer: **12/12/20/1155**).

KONSEP OIE-VERSLAE BESIKKBAAR VIR BESIGTING

Konsep OIE-verslae vir die bogenoemde projekte is deur Savannah Environmental opgestel en is nou beskikbaar vir openbare besigtiging. U word genooi om die verslag by een van die volgende lokale te besigtig:

Ankerlig omskakeling en Transmissie-integrasieprojek:

Wesfleur Biblioteek	Kantoor van die Atlantis Inwoners- en Belastingbetalersvereniging
Red Door Plaaslike LED-kantoor	Kantoor van die Atlantis Ontwikkelingsforum
Avondale Biblioteek	Melkbosstrand Inwoners- en Belastingbetalersvereniging
Melkbosstrand Biblioteek	

Acacia en Port Rex Verskuiwingsprojek:

Wesfleur Biblioteek	Avondale Biblioteek
Melkbosstrand Biblioteek	Edgemead Biblioteek
East London Sentrale Biblioteek	

Albei verslae sal beskikbaar wees by www.eskom.co.za/eia en by www.savannahSA.com

Die tydperk vir besigtiging is **22 September 2008 tot 22 Oktober 2008**. Dien asseblief skriftelike kommentaar in teen **20 Oktober 2008** by die tersaaklike kontakpersoon hieronder.

Shawn Johnston by Sustainable Futures ZA

Posbus 749, Rondebosch, Kaapstad, 7701
Tel: 083 325 9965
Faks: 086 510 2537
E-pos: swjohnston@mweb.co.za
www.savannahsa.com





17 September 2008

Dear Stakeholder,

**PROPOSED ANKERLIG POWER STATION CONVERSION AND TRANSMISSION INTEGRATION PROJECT:
ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS AND**

***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 INDUSTRIA, WESTERN CAPE
ENVIRONMENTAL IMPACT ASSESSMENT (EIA) PROCESS***

**INVITATION TO REVIEW THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORTS
AND ATTEND A KEY STAKEHOLDERS FEEDBACK MEETING: 07 OCTOBER 2008**

PROJECT 1: Proposed Ankerlig Power Station Conversion and Transmission Integration Environmental Impact Assessment Report

Eskom Holdings Limited is proposing the conversion of the to existing Ankerlig Power Station (An Open Cycle Gas Turbine - OCGT-Plant) to a Combined Cycle Gas Turbine (CCGT) Plant and construction of an associated 400kV transmission power line from Ankerlig Power Station to Omega Substation. The project includes:

- » Investigating the conversion of nine units at the existing Open Cycle Gas Turbine plant to a Combined Cycle Gas Turbine plant to increase generating capacity to the existing power station by approximately 720 MW; and,
- » The investigation of a 400 kV transmission power line between Ankerlig Power Station and the already authorised Omega Substation (to be located on the Farm Groot Olifantskop 81) to transmit the additional power generated at this power station into the National electricity grid.

The proposed project is located in Atlantis Industria.

In terms of the EIA Regulations published in terms of Section 24(5) of the National Environmental Management Act (NEMA, No 107 of 1998), Eskom requires authorisation from the National Department of Environmental Affairs and Tourism (DEAT) (in consultation with the Western Cape Department of Environmental Affairs and Development Planning) for the undertaking of the proposed project. In order to obtain authorisation for this project, comprehensive, independent environmental studies must be undertaken in accordance with the EIA Regulations. **This project has been registered with National DEAT under Application Reference numbers 12/12/20/1014 (power station conversion) and 12/12/20/1037 (transmission line).**

**Sustainable Futures ZA P.O. Box 749 Rondebosch 7701 Cape Town South Africa
Tel: ++27 (0)83 3259965 Fax 086 510 2537 E-mail: swjohnston@mweb.co.za**

PROJECT 2: *Proposed Decommissioning and Relocation of the Three Gas Turbine Units at Acacia Power Station (Goodwood, Western Cape) and One Gas Turbine Unit at Port Rex Power Station (East London, Eastern Cape) to the existing Ankerlig Power Station Site (Atlantis Industria, Western Cape).*

Eskom Holdings Limited (Eskom) is investigating the decommissioning of the existing Acacia aero derivative gas turbine units and the relocation of these units to the existing Ankerlig Power Station site in Atlantis, to stabilise the transmission network in the area and ensure the required dedicated back-up power supply to the Koeberg Nuclear Power Station. In addition, in order to provide additional operational flexibility and to streamline the phasing of the relocation of the Acacia units to the Ankerlig Power Station, an additional aero derivative gas turbine unit is proposed to be decommissioned and relocated to the Ankerlig Power Station site from Eskom's Port Rex Power Station site in East London.

Eskom is also proposing to turn the existing Koeberg-Dassenberg 132 kV line into Ankerlig and to utilise this dedicated line to connect the aero derivative gas turbines to Koeberg, connected to a new 132kV HV yard adjacent to the HV yard within the existing Ankerlig Power Station site.

In summary, the proposed project involves the following activities:

- Decommissioning and relocation of the three existing aero derivative gas turbine units at the Acacia Power Station (located near Goodwood) to the existing Ankerlig Power Station (located in Atlantis Industria).
- Decommissioning and relocation of one aero derivative gas turbine unit at Port Rex (located near East London) to the existing Ankerlig Power Station.
- Turning-in of the existing Koeberg - Dassenberg 132 kV line into a new 132 kV High Voltage Yard (HV Yard) to transmit the power generated by these relocated units to the Koeberg Power Station.

In terms of sections 24 and 24D of the National Environmental Management Act (No 107 of 1998), as read with Government Notices R385 (Regulations 27-36) and R387, a Scoping and Environmental Impact Assessment are required to be undertaken for this proposed project. This project has been registered with the National Department of Environmental Affairs and Tourism under Application Reference Number 12/12/20/1155.

In this regard, Savannah Environmental has been appointed as an independent consultant to undertake the required environmental impact assessment and public participation for the proposed project. Savannah Environmental has appointed Sustainable FuturesZA to assist in the process of facilitating the public participation process.

PUBLIC REVIEW OF THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORTS

In accordance with the EIA Regulations, the draft Environmental Impact Assessment Reports (Ankerlig and Acacia Power Stations) has been prepared and will be made available for review and comment by Interested and Affected Parties (I&APs) and key stakeholders. The **30-day period for review is 30**

September 2008 to 30 October 2008. The 2 draft Environmental Impact Assessment Reports will be available for review at:

Websites:	www.eskom.co.za/eia	www.savannahSA.com
Physical locations:	Wesfleur Library - Atlantis	Melkbosstrand Library
	Atlantis Residents & Ratepayers Association	Melkbosstrand Residents & Ratepayers Association
	Avondale Library - Atlantis	Edgemead Library
	Red Door Local Economic Development Office	East London Central Library
	Atlantis Area Development Forum	Edgemead Residents and Ratepayers Association
	Dassenberg Residents and Ratepayers Association	

Comments can be made as written submissions via fax, post or e-mail.

<p>Please submit your comments to</p> <p>Shawn Johnston of Sustainable Futures ZA PO Box 749, Rondebosch, Cape Town, 7701 Fax: 086 510 2537 E-mail: swjohnston@mweb.co.za</p>
<p>The due date for comments on the Draft Environmental Scoping Report is 30 October 2008</p>

PUBLIC MEETING

In order to facilitate comments on the draft Environmental Impact Assessment Report, a Key Stakeholder Meeting will be held during the review period. All interested and affected parties are invited to attend the Key Stakeholders Meeting:

DATE: Tuesday, 07 October 2008
TIME: 11:00 - 14:00
VENUE: Koeberg Visitors Centre

The aim of the public meeting is to provide you with more information regarding the proposed projects, to provide a summary of the findings of the two environmental impact assessment undertaken, and to invite comment on the proposed projects.

Our team welcomes your participation and looks forward to your continued involvement.

Yours sincerely,



Shawn Johnston
 Process Facilitator



23 September 2008

Dear Stakeholder,

Ankerlig and Acacia Power Station Environmental Impact Assessments

I hereby wish to inform you that our team are experiencing a delay in posting the Draft Environmental Impact Assessment Reports for the **Eskom Ankerlig Power Station Conversion and Transmission Integration Project** and the **Eskom Acacia Decommissioning and Relocation Project**. We were unable to deliver all the reports to the relevant libraries and key stakeholder groupings as advertised in the Cape Times, Friday, 19 September 2008 and for this we apologise.

Our team envisages that all the relevant reports will be place in the advertised libraries by **Tuesday, 30 September 2008**. All key stakeholders will be informed as soon as these documents have been delivered to the public libraries and key residents and ratepayers associations.

Please note the various draft environmental impact assessment reports can also be downloaded from the **Eskom** (www.eskom.co.za/eia) and **Savannah Environmental** (www.savannhasa.co.za) web sites.

For any clarity of the upcoming release of the draft reports and upcoming key stakeholders meeting or comments you might wish to submit, don't hesitate to contact me directly on 083 325 9965 or on e-mail at swjohnston@mweb.co.za.

Yours sincerely,

Shawn Johnston
Process Facilitator

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
NOTICE OF AVAILABILITY OF THE DRAFT EIA REPORTS FOR**

**The Proposed Ankerlig Power Station Conversion and Transmission Integration Project
AND
The Proposed Decommissioning and Relocation of the Acacia and Port Rex Power Station
Gas Turbines to the Ankerlig Power Station Site**

AN ESKOM INITIATIVE

Applicant: Eskom Holdings Limited

Proposed Activities:

- Conversion of the nine OCGT units at the existing Ankerlig Power Station (located in Atlantis Industria) to a Combined Cycle Gas Turbine (CCGT) Power Station in order to increase the generating capacity of this power station by approximately 720 MW. The proposed conversion involves the establishment of infrastructure associated with CCGT units and will be developed on the site of the existing Ankerlig OCGT power station (Application Reference No.: **12/12/20/1014**)
- The construction of a 400kV transmission power line between the Ankerlig Power Station and the Omega Substation (to be constructed on the Farm Groot Oliphantskop 81) in order to transmit the additional power generated at this power station into the National electricity grid (Application Reference No.: **12/12/20/1037**)
- Decommissioning of the existing three (3) Acacia and one (1) Port Rex aero derivative gas turbine units and the relocation of these units to the existing Ankerlig Power Station site in Atlantis in order to stabilise the transmission network in the area and ensure the required dedicated back-up power supply to the Koeberg Nuclear Power Station. These gas turbines are proposed to be connected to Koeberg through turning the existing Koeberg-Dassenberg 132 kV line into a new 132kV HV yard adjacent to the HV yard within the existing Ankerlig Power Station site (Application Reference No.: **12/12/20/1155**)

DRAFT EIA REPORTS AVAILABLE FOR REVIEW

Draft EIA Reports for the above projects have been prepared by Savannah Environmental. Due to unforeseen circumstances, these reports were not made available on 22 September 2008 as advertised. These reports are now available for public review, and you are invited to review the report at one of the following locations:

Ankerlig conversion and Transmission Integration Project:

Wesfleur Library	Atlantis Residents and Ratepayers Association office
Red Door Local LED Office	Atlantis Development Forum Office
Avondale Library	Melkbosstrand Residents and Ratepayers Association
Melkbosstrand Library	

Acacia and Port Rex Relocation Project:

Wesfleur Library	Avondale Library
Melkbosstrand Library	Edgemead Library
East London central Library	

Both reports will be available at www.eskom.co.za/eia and www.savannahSA.com

The period for review is **10 October 2008 to 9 November 2008**. Please submit written comment by **9 November 2008** to the relevant contact person below.

Shawn Johnston by Sustainable Futures ZA

PO Box 749, Rondebosch, Cape Town, 7701

Tel: 083 325 9965

Fax: 086 510 2537

E-mail: swjohnston@mweb.co.za

www.savannahsa.com



**OMGEWINGSIMPAKEVALUERINGSPROSES
KENNISGEWING VAN BESIKKBAARHEID VAN DIE KONSEP OIE-VERSLAE VIR**

**Die voorgestelde Ankerlig Kragstasie-omskakeling en Transmissie-integrasieprojek
EN
Die Voorgestelde Uitgebruikneming en Verskuiwing van die Acacia en Port Rex Kragstasie
Gasturbines na die Ankerlig Kragstasieterrein**

'N ESKOM-INISIATIEF

Applikant: Eskom Holdings Beperk

Voorgestelde Bedrywighede:

- Omskakeling van die nege OSGT-eenhede by die bestaande Ankerlig Kragstasie (geleë te Atlantis Industria) na 'n Gekombineerde Siklus Gasturbine (GSGT) Kragstasie ten einde die opwekkingsvermoë van hierdie kragstasie met ongeveer 720 MW te verhoog. Die voorgestelde omskakeling behels die daarstelling van infrastruktuur wat gepaardgaan met GSGT-eenhede en sal ontwikkel word by die terrein van die bestaande Ankerlig OSGT-kragstasie (Aansoekverwysingsnommer: **12/12/20/1014**).
- Die oprigting van 'n 400 kV transmissiekraglyn tussen die Ankerlig Kragstasie en die Omega Substasie (wat op die plaas Groot Oliphantskop 81 opgerig sal word) ten einde die addisionele krag wat by hierdie stasie opgewek gaan word oor te bring na die Nasionale elektrisiteitnetwerk (Aansoekverwysingsnommer: **12/12/20/1037**).
- Uitgebruikneming van die bestaande drie (3) Acacia en een (1) Port Rex lugafgeleide gasturbine-eenhede en die verskuiwing van hierdie eenhede na die bestaande Ankerlig Kragstasieterrein te Atlantis ten einde die transmissienetwerk in die gebied te stabiliseer en om die vereiste toegewyde noodkragtoevoer aan die Koeberg Kernkragstasie te verseker. Daar word voorgestel dat hierdie gasturbines aan Koeberg gekoppel word deur die bestaande Koeberg-Dassenberg 132 kV lyn in 'n nuwe 132 kV HS-werf langs die HS-werf in die bestaande Ankerlig Kragstasieterrein om te lus (Aansoekverwysingsnommer: **12/12/20/1155**).

KONSEP OIE-VERSLAE BESIKKBAAR VIR BESIGTING

Konsep OIE-verslae vir die bogenoemde projekte is deur Savannah Environmental opgestel. Weens onvoorsiene omstandighede is hierdie verslae nie op 22 September 2008 beskikbaar gestel soos geadverteer nie. Hierdie verslae is nou beskikbaar vir openbare besigtiging en u word genooi om die verslag by een van die volgende plekke te besigtig:

Ankerlig omskakeling en Transmissie-integrasieprojek:

Wesfleur Biblioteek	Kantoor van die Atlantis Inwoners- en Belastingbetalersvereniging
Red Door Plaaslike LED-kantoor	Kantoor van die Atlantis Ontwikkelingsforum
Avondale Biblioteek	Melkbosstrand Inwoners- en Belastingbetalersvereniging
Melkbosstrand Biblioteek	

Acacia en Port Rex Verskuiwingsprojek:

Wesfleur Biblioteek	Avondale Biblioteek
Melkbosstrand Biblioteek	Edgemead Biblioteek
East London Sentrale Biblioteek	

Albei verslae sal beskikbaar wees by www.eskom.co.za/eia en by www.savannahSA.com

Die tydperk vir besigtiging is **10 Oktober 2008 tot 9 November 2008**. Dien asseblief skriftelike kommentaar in teen **9 November 2008** by die tersaaklike kontakpersoon hieronder.

Shawn Johnston by Sustainable Futures ZA

Posbus 749, Rondebosch, Kaapstad, 7701

Tel: 083 325 9965

Faks: 086 510 2537

E-pos: swjohnston@mweb.co.za

www.savannahsa.com

