

Savannah Environmental (Pty) Ltd | Directors: KM Jodas, J Thomas, M Matsabu Company Reg No.: 2006/000127/07

VAT Reg No.: 4780226736

11 August 2017

Dear Stakeholder

ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS DEVELOPMENT OF THE RICHARDS BAY COMBINED CYCLE POWER PLANT (CCPP) AND ASSOCIATED INFRASTRUCTURE ON A SITE NEAR RICHARDS BAY, **KWAZULU-NATAL PROVINCE**

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

Eskom Holdings SoC Ltd (Eskom) proposes to develop a Combined Cycle Power Plant (CCPP) and associated infrastructure with a generating capacity of up to 3000MW. The proposed project is to be known as the Richards Bay Combined Cycle Power Plant (CCPP). The Project site is to be located on Portion 2 and Portion 4 of Erf 11376 in the Richards Bay Industrial Development Zone (IDZ) Phase 1D, approximately 6km south west of Richards Bay and 4km south west of Alton which falls within the jurisdiction of the City of uMhlathuze Local Municipality and the King Cetshwayo District Municipality, KwaZulu-Natal Province. The Richards Bay CCPP is approximately 71ha in extent.

The purpose of the project is to reduce transmission losses from generation facilities supplying KwaZulu-Natal, by having a generation centre in KwaZulu-Natal. In addition, the project is planned to aid in reducing Eskom's carbon footprint per unit of electricity produced, as power plants using natural gas emit approximately half the carbon of coal-fired power plants while using considerably less water, thus supporting Government's commitment to reduce carbon emissions.

A CCPP uses a gas turbine generator to generate electricity and the waste heat is used to make steam to generate additional electricity via a steam turbine. The CCPP is one of the most efficient power generating facilities to convert either gas or diesel fuel to mechanical power or electricity. In other words, gas or diesel is burnt in a gas turbine producing both electrical power via a coupled generator and fairly hot exhaust gases. These hot exhaust gases pass through a water-cooled heat exchanger to produce steam, which can be turned into electric power with a coupled steam turbine and generator.



The main infrastructure associated with the Richards Bay CCPP includes the following:

- » Gas turbines for the generation of electricity through the use of natural gas or diesel.
- » Heat recovery steam generators (HRSG) to produce steam.
- » Steam turbines for the generation of additional electricity through the use of steam generated by the HRSG.
- » Condensers for the conversion of steam back to water.
- » Bypass stacks associated with each gas turbine.
- » Exhaust stacks.
- » A water treatment plant for the treatment of potable water and the production of demineralised water
- » A water pipeline and water tank.
- » Dry-cooled system or Once-Through-Cooling system technology.
- » Closed Fin-fan coolers to cool lubrication oil for the gas and steam turbines.
- » A gas pipeline and a gas pipeline supply conditioning process facility.
- » Diesel off-loading facility and storage tanks.
- » Ancillary infrastructure including access roads, warehousing and buildings, storage facilities, generators and 132kV and 400kV switchyards.
- » A power line to connect the Richards Bay CCPP to the national grid for the evacuation of the generated electricity.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

The development of the Richards Bay CCPP requires that Environmental Authorisation (EA) be obtained from the National Department of Environmental Affairs (DEA), the Competent Authority (CA), in consultation with the KZN Department of Economic Development, Tourism and Environmental Affairs (EDTEA), the Local Commenting Authority, in accordance with the National Environmental Management Act (No. 107 of 1998) (NEMA) and the provisions of the 2014 Environmental Impact Assessment (EIA) Regulations, as amended on 07 April 2017, published in GNR 324 to GNR 327.

Savannah Environmental (Pty) Ltd has been appointed as the independent Environmental Assessment Practitioner (EAP), responsible for undertaking an Impact Assessment process (Scoping and EIA) to identify and assess all potential environmental impacts associated with the project for the area as identified, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). As part of these environmental studies, Interested and/or Affected Parties (I&APs) will be actively involved through the public participation process.

You and/or the organisation which you represent has been identified as an I&AP for the proposed project. Should you have an interest in this project, please register yourself as an I&AP by completing and returning the attached stakeholder registration/comment form. By registering on the project database, you will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the Impact Assessment process.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and looks forward to your involvement throughout this process.

Kind regards

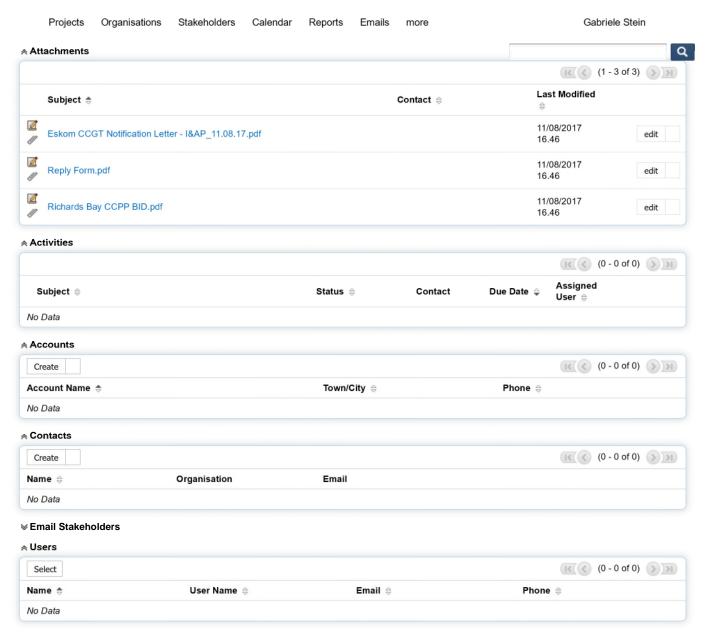
Gabriele Stein
Public Participation and Social Consultant
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VAT Reg No.: 4780226736

11 August 2017

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You and/or the organisation which you represent have been identified as a directly affected or adjacent property owner that could be impacted by the proposed project. The 2014 EIA Regulations, as amended on 07 April 2017, require that the owner or person in control of the land as well as occupiers of the affected and adjacent properties, which could be impacted by the project, are informed of the environmental assessment process in writing. In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of this EIA process. Should you or any other occupier of your property have an interest in this project, please register yourselves as I&APs by completing and returning the attached

stakeholder registration/comment form. By registering on the project database, you will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the EIA process.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and looks forward to your involvement throughout this process.

Kind regards

Gabriele Stein
Public Participation and Social Consultant
Savannah Environmental
Email: gabriele@savannahsa.com

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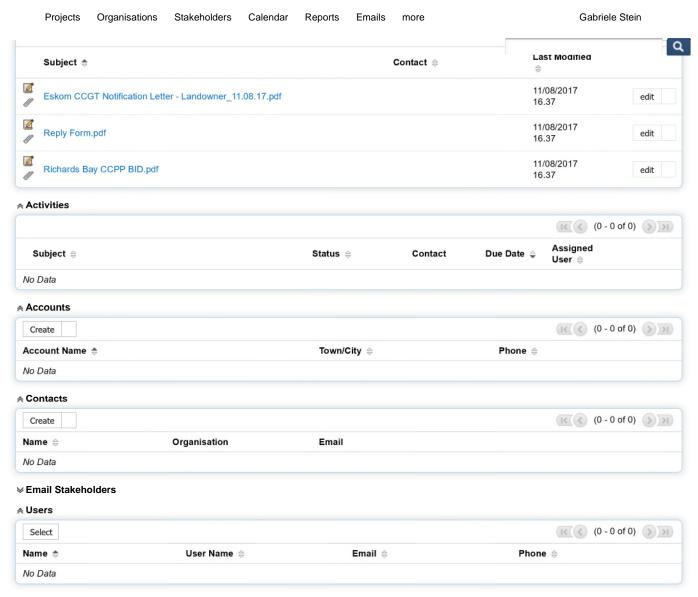


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Savannah Environmental (Pty) Ltd | Directors: KM Jodas, J Thomas, M Matsabu Company Reg No.: 2006/000127/07

VAT Reg No.: 4780226736

21 August 2017

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ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS DEVELOPMENT OF THE RICHARDS BAY COMBINED CYCLE POWER PLANT (CCPP) AND ASSOCIATED INFRASTRUCTURE ON A SITE NEAR RICHARDS BAY, **KWAZULU-NATAL PROVINCE**

NOTICE OF AVAILABILITY OF THE SCOPING REPORT FOR PUBLIC REVIEW AND INVITATION TO THE PUBLIC MEETING

Eskom Holdings SoC Ltd (Eskom) proposes to develop a Combined Cycle Power Plant (CCPP) and associated infrastructure with a generating capacity of up to 3000MW. The proposed project is to be known as the Richards Bay Combined Cycle Power Plant (CCPP). The Project site is to be located on Portion 2 and Portion 4 of Erf 11376 in the Richards Bay Industrial Development Zone (IDZ) Phase 1D, approximately 6km south west of Richards Bay and 4km south west of Alton which falls within the jurisdiction of the City of uMhlathuze Local Municipality and the King Cetshwayo District Municipality, KwaZulu-Natal Province. The Richards Bay CCPP is approximately 71ha in extent.

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ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

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AVAILABILITY OF THE SCOPING REPORT AND INVITATION TO THE PUBLIC MEETING

A Scoping Report is available for review and comment. The report can be viewed at the Richards Bay Public Library, Civic Centre, 05 Mark Strasse, from **21 August 2017 – 20 September 2017**. The report is also available for download on www.savannahsa.com/projects. The due date for written comment is **20 September 2017**. Comments must be made as written submission via fax, post or email.

All interested and affected parties are invited to attend a public meeting on one of the following days:

Public Meeting 1:	Date: Wednesday 30 August 2017
	Time: 18:00
	Venue: New Life Church, 2 Hedge Hunt Rd, Brackenham, Richards Bay
Public Meeting 2:	Date: Thursday 31 August 2017
	Time: 09:00
	Venue: Richards Bay Public Library, 03 Krugerrand Grove, Richards Bay

Our team welcomes your participation and looks forward to your involvement throughout this process.

Kind regards

Gabriele Stein
Public Participation and Social Consultant
Savannah Environmental
Email: gabriele@savannahsa.com

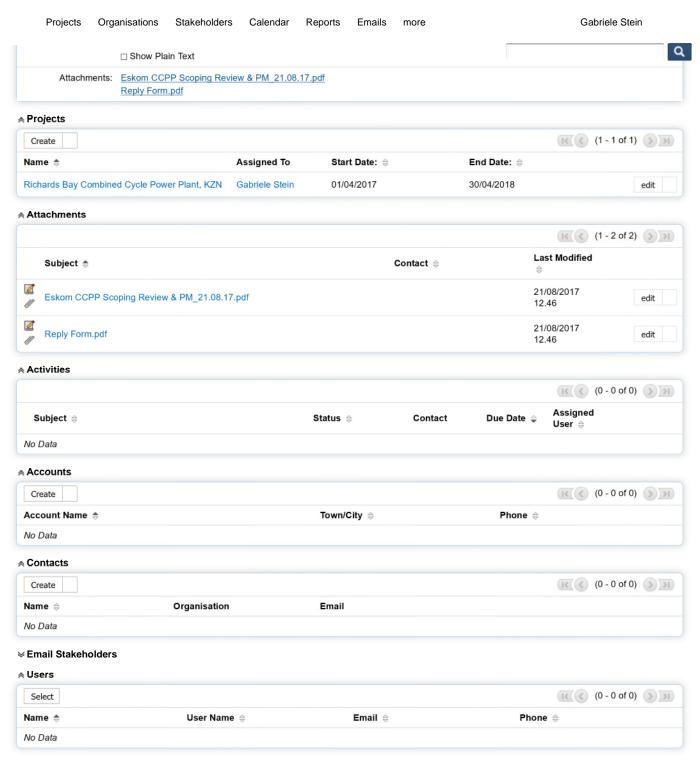
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EIA PROCESS - RICHARDS BAY COMBINED CYCLE POWER PLANT, KZN - NOTIFIC SCOPING REPORT FOR REVIEW AND INVITATION TO PUBLIC MEETING



Assigned to:	Gabriele Stein Date Sent: 21/08/2017 12.46
Teams:	Global Project: Richards Bay Combined Cycle Power Plant, KZN
From:	Gabriele Stein <gabriele@savannahsa.com></gabriele@savannahsa.com>
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Subject:	EIA PROCESS - RICHARDS BAY COMBINED CYCLE POWER PLANT, KZN - NOTIFICATION OF AVAILABILITY OF SCOPING REPORT FOR REVIEW AND INVITATION TO PUBLIC MEETING
Body:	Dear Stakeholder
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	Please do not hesitate to contact me if you have any queries in this regard.
	Kind regards,
	Gabriele Stein
	Public Participation and Social Consultant
	Savannah Environmental (Pty) Ltd
	Tel: 27 11 656 3237
	Fax: 086 684 0547

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