

Process Notification

27 August 2020

Dear Stakeholder and Interested & Affected Party,

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION AMENDMENT, EMPr UPDATE, LAYOUT UPDATE AND PUBLIC PARTICIPATION PROCESS for the 400MW RICHARDS BAY GAS TO POWER ENERGY FACILITY LOCATED IN RICHARDS BAY, KWAZULU-NATAL PROVINCE (DEA REF.: 14/12/16/3/3/2/867)

NOTIFICATION OF ENVIRONMENTAL AUTHORISATION AMENDMENT, EMPr UPDATE, LAYOUT UPDATE and PUBLIC PARTICIPATION PROCESS

The Richards Bay Gas Power 2 (Pty) Ltd (RBGP2) received an Environmental Authorisation (EA) for the 400MW Richards Bay Gas to Power energy facility on 04 October 2016 authorising six (6) gas turbines for mid-merit/peaking plant power provision, with two (2) steam turbines utilising the heat from the engines in a separate steam cycle. The EA details multiple engine halls, each of ~60MW containing one engine. Stack heights associated with the engine halls may be up to 20m tall. In addition, three (3) fuel tanks of 2000m³ each are authorised for onsite fuel storage.

RBGP2 intends on bidding the project under the emergency power provision of the Department of Mineral Resources and Energy (DMRE) 2019 Integrated Resource Plan (IRP). A number of amendments to the EA is required and RBGP2 appointed Savannah Environmental (Pty) Ltd to conduct the application for amendment to the EA under Section 31 and 32 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, dated 04 October 2016 as follows:

- » a validity extension of the EA by five (5) years;
- » an update to the capacity and configuration of the power plant in the EA project description from: '300MW (fuelled) and 100MW (steam) in a combined cycle' to: 'a 400MW (fuelled) simple cycle process;
- » the removal of various infrastructure components required for the combined cycle generation process, and addition of various infrastructure components now required for the simple cycle generation process;
- » a replacement of all references to the wording, 'peaking' in the EA to correctly reflect 'Mid-Merit/Peaking', to ensure that both peaking and mid-merit options/scenarios have been considered for the development;
- » to specify in the project description of the EA the use of, Liquefied Petroleum Gas (LPG), Liquefied Natural Gas (LNG), Regasified Liquefied Natural Gas (RLNG) or pipeline natural gas as the fuel source (as assessed for the approved EA);

- » the removal of diesel mentions (as a fuel source) from the EA, as it is no longer applicable;
- » altering capacity of the fuel storage tanks to reflect that of the updated layout;
- » a correction on the EA to specify Activity 2 of Listing Notice 2 in the EA; and
- » amendment to conditions 14, 15, 16 and 17 of the approved EA to specify that the layout submitted and EMPr submitted have been approved.

Additionally, in accordance with conditions 14 and 15 of the approved Environmental Authorisation (EA) for the project (DEA REF.: 14/12/16/3/3/2/867) **a final layout is being submitted for approval.**

Furthermore, in accordance with conditions 16 and 17 of the same approved EA, **an EMPr update is being conducted** to include specifications required by the EA. This includes:

- » EA & EIAr conditions;
- » Specialist study conditions;
- » Expected operational period;
- » Decommissioning plan and schedule;
- » A final sit layout map;
- » A risk management plan based on a risk assessment;
- » Alien management plan;
- » Plant rescue and protection plan;
- » A revegetation and habitat rehabilitation plan (to be supplied by the ecological specialist as part of the biodiversity application scope of work);
- » A traffic management plan;
- » A stormwater management plan;
- » An erosion management plan;
- » Monitoring system for leakages and spillages;
- » A fire management plan;
- » Measures to protect hydrological features; and
- » Environmental sensitivity map, and final layout map overlaid thereon.

The proposed site is located within the Richards Bay Industrial Development Zone Phase 1F within the City of uMhlathuze, of the in the King Cetshwayo District Municipality on the following properties (please refer to the attached Locality Map):

- » Erven 17455;
- » Erven 17443; and
- » Erven 17442

In terms of Condition 5 & 6 of the Environmental Authorisation dated 04 October 2016 and Regulation 31 & 32 of the EIA Regulations, 2014, as amended, it is possible for an applicant to apply, in writing, to the competent authority for a change or deviation from the project description to be approved, and an opportunity is being provided to the public to provide comment on the proposed amendments.

PUBLIC INVOLVEMENT PROCESS

The public participation (PP) process for the EA Amendment, EMPr update and Layout update will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326).

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement and gathering of people to curb the spread of the COVID-19 virus has placed some limitations on how public consultation can be conducted as part of the amendments and public participation process. The consultation process for these amendments have been designed considering these limitations, and our Public Participation process is in compliance with the Department of Environment, Forestry and Fisheries (DEFF) Directions issued on the 5th of June 2020. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation: visit <https://www.savannahsa.com/public-documents/energy-generation/richards-bay-gas-to-power-energy-facility/>.

Alternative means of undertaking consultation have been designed to ensure that I&APs are afforded sufficient opportunity to raise comments on the project, predominately through an interactive web-based platform readily available and accessible to any person with interest in the project, enabling the public participation process to be undertaken in line with Regulations 41 to 44 of the EIA Regulations, 2014, as amended. The use of online tools enables stakeholders and I&APs to explore the application content in their own time, and allows participation in the consultation process in a meaningful way. The online platform allows for instant feedback and comments to be submitted, in so doing saving time for the stakeholder and also giving the assurance that their comments have been submitted for inclusion in the application reporting.

The benefits of the online stakeholder engagement platform include:

- » Ability to create a dedicated project-specific online platform to enable easy access to application-related information.
- » Allowing registered I&APs the opportunity to engage on the application without leaving their office or home.
- » Enabling registered I&APs to submit their comments on the application, and automatically gaining access to the application documentation.
- » Enabling the EAP to maintain a complete database of updated contact details of the registered I&APs as and when received and those who requested to be registered by accessing the online stakeholder consultation platform.
- » Enabling the EAP and stakeholders/I&APs to discuss application related matters.
- » Provides a resilient solution to a public consultation process.

Where I&APs do not have the applicable facilities or access to internet, provision has been made to include these I&APs in the consultation process by consulting with the Ward Councillor, the ward committee members, community representatives and local community forum members where available and applicable.

Should you have an interest in the application, please register yourself as an I&AP on our online stakeholder engagement platform (<https://www.savannahsa.com/public-documents/energy-generation/richards-bay-gas-to-power-energy-facility/>) or by contacting our public participation team, Nicolene Venter or Ronald Baloyi on e-mail at publicprocess@savannahsa.com, telephone 011-656-3237, fax 086-684-0547 or mobile 060-978-8396 (*including; please call me*).

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

Kind regards,

A handwritten signature in black ink, appearing to read 'Nicolene Venter', written in a cursive style.

Nicolene Venter

Public Participation and Social Consultant

E-mail: publicprocess@savannahsa.com

Document attached: Locality Map

Richards Bay 400MW Gas to Power, KwaZulu-Natal Province

Locality Map

Legend

— Project Infrastructure

Properties

- 16671
- 17442
- 17443
- 17455
- 17456

savannah
environmental











Scale: 1:4000
Projection: GCS_WGS_1994
Ref: Richards Bay 400MW Gas to Power, Locality Map



0 115 230 460 690 920 Kilometers

**Sent to all I&APs on project Database
(Refer to Appendix D1)**

Campaign Message Editor - [Richards Bay G2P 400MW - EA, EMPr]

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APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION AMENDMENT, EMPr UPDATE, LAYOUT UPDATE AND PUBLIC PARTICIPATION PROCESS for the 400MW RICHARDS BAY GAS TO POWER ENERGY FACILITY LOCATED IN RICHARDS BAY, KWAZULU-NATAL PROVINCE

(DEA REF.: 14/12/16/3/3/2/867)

Dear Interested and Affected Parties,




The Richards Bay Gas Power 2 (Pty) Ltd (RBGP2) received an Environmental Authorisation (EA) for the 400MW Richards Bay Gas to Power energy facility on 04 October 2016 authorising six (6) gas turbines for mid-merit/peaking plant power provision, with two (2) steam turbines utilising the heat from the engines in a separate steam cycle. The EA details multiple engine halls, each of ~60MW containing one engine. Stack heights associated with the engine halls may be up to 20m tall. In addition, three (3) fuel tanks of 2000m³ each are authorised for onsite fuel storage.

Please find attached the following documents which will provide you with additional information regarding these projects:

- Notification of EA Amendment, EMPr Update, Layout Update and Public Participation Process notification letter;
- Locality Map

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

Kind regards,

 Design  HTML  Preview

HELP SAVE CLOSE

Savannah Environmental
Website Uploads

Richards Bay Gas To Power Energy Facility

NOTICE OF AN ENVIRONMENTAL AUTHORISATION AMENDMENT, EMPR UPDATE AND LAYOUT UPDATE, ATMOSPHERIC EMISSIONS LICENCE APPLICATION AND PUBLIC PARTICIPATION PROCESS

400MW RICHARDS BAY GAS TO POWER ENERGY FACILITY LOCATED IN RICHARDS BAY, KWAZULU-NATAL PROVINCE (DEA REF: 14/12/16/3/3/2/867)

Project Name: 400MW Richards Bay Gas to Power Energy Facility, KwaZulu-Natal Province.

Applicant: Richards Bay Gas Power 2 (Pty) Ltd.

Proposed Amendments: Richards Bay Gas Power 2 (Pty) Ltd is requesting the Department of Environmental Affairs (DEA) to amend the Environmental Authorisation, dated 04 October 2016 as follows:

- A validity extension of the EA by five (5) years;
- An update to the capacity and configuration of the power plant in the EA project description from: '300MW (fuelled) and 100MW (steam) in a combined cycle' to: 'a 400MW (fuelled) simple cycle process'.
- The removal of various Infrastructure components required for the combined cycle generation process, and addition of various Infrastructure components now required for the simple cycle generation process.
- A replacement of all references to the wording, 'peaking' in the EA to correctly reflect 'Mid-Merit/Peaking', to ensure that both peaking and mid-merit options/scenarios have been considered for the development;
- To specify in the project description of the EA the use of, Liquefied Petroleum Gas (LPG), Liquefied Natural Gas (LNG), Regasified Liquefied Natural Gas (RLNG) or pipeline natural gas as the fuel source (as assessed for the approved EA).
- The removal of diesel mentions (as a fuel source) from the EA, as it is no longer applicable.
- Altering capacity of the fuel storage tanks to reflect that of the updated layout.
- A correction on the EA to specify Activity 2 of Listing Notice 2 in the EA.
- Amendment to conditions 14, 15, 16 and 17 of the approved EA to specify that the layout submitted and EMPr submitted have been approved.

Additionally, in accordance with conditions 14 and 15 of the approved Environmental Authorisation (EA) for the project (DEA REF: 14/12/16/3/3/2/867) a **final layout is being submitted for approval**. Furthermore, in accordance with conditions 16 and 17 of the same approved EA, an **EMPr update is being conducted** to include specifications required by the EA. Notice of the layout update and EMPr update is hereby issued. These will be made available for public review and commenting to all registered Interested and Affected Parties.

Finally, this notice also serves to inform the public of an **Air Emissions Licence Authorisation (AELA) process** being submitted to the Competent Authority (King Cetshwayo District Municipality) for authorisation under section 21 of the National Environmental Management: Air Quality Act (2004), specifically sub-category 1.4 and 2.4 (storage of LPG) of Government Notice 893 (22 November 2013), as amended, and the associated Listed Activities of GNR 248 (2010) for the control of harmful emissions, an Atmospheric Emissions Licence (AEL) authorisation.

Project Locations: The proposed site is located within the uMhlatuze Local Municipality in the King Cetshwayo District Municipality on the properties:

- Erven 17455;
- Erven 17443; and
- Erven 17442.

In terms of Condition 5 & 6 of the Environmental Authorisation dated 04 October 2016 and Regulation 31 & 32 of the EIA Regulations, 2014, as amended, it is possible for an applicant to apply, in writing, to the competent authority for a change or deviation from the project description to be approved, and an opportunity is being provided to the public to provide comment on the proposed amendments. Notice of the EMPr and Layout Update, as well as AELA process is also herewith issued.

Interested and affected parties can request further information via email or telephone correspondence from the contact person below. Comments can be submitted in writing via post or email to the contact person below.

To obtain further information or register as Interested and Affected Party, please submit your name, contact information and interest in the project, in writing, to Savannah Environmental:

Ronald Baloyi at Savannah Environmental
P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237

Mobile: 060 978 8396

Fax: 086 684 0547

Email: publicprocess@savannahsa.com

Website: www.savannahsa.com

July 2020

Documents for public review are available for download.

DOWNLOADS TO BE UPLOADED

Notification of availability of Motivation Report
for review and comment

16 September 2020

Dear Stakeholder and Interested & Affected Party,

**APPLICATION FOR AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION , ENVIRONMENTAL
MANAGEMENT PROGRAMME UPDATE AND LAYOUT UPDATE FOR THE 400MW RICHARDS BAY GAS TO
POWER ENERGY FACILITY LOCATED IN RICHARDS BAY, KWAZULU-NATAL PROVINCE (DEA REF.:
14/12/16/3/3/2/867)**

**NOTIFICATION OF THE AVAILABILITY OF THE MOTIVATION REPORT, UPDATED LAYOUT AND UPDATED
ENVIRONMENTAL MANAGEMENT PROGRAMME FOR REVIEW AND COMMENT**

The Richards Bay Gas Power 2 (Pty) Ltd (RBGP2) received an Environmental Authorisation (EA) for the 400MW Richards Bay Gas to Power energy facility on 04 October 2016 authorising six (6) gas turbines for mid-merit/peaking plant power provision, with two (2) steam turbines utilising the heat from the engines in a separate steam cycle. The EA details multiple engine halls, each of ~60MW containing one engine. Stack heights associated with the engine halls may be up to 20m tall. In addition, three (3) fuel tanks of 2000m³ each are authorised for onsite fuel storage. The site is located within the Richards Bay Industrial Development Zone Phase 1F within the City of uMhlatuze, of the in the King Cetshwayo District Municipality on the following properties (please refer to the attached Locality Map):

- » Erven 17455;
- » Erven 17443; and
- » Erven 17442

RBGP2 intends on bidding the project under the emergency power provision of the Department of Mineral Resources and Energy (DMRE) 2019 Integrated Resource Plan (IRP). A number of amendments to the EA is required and RBGP2 appointed Savannah Environmental (Pty) Ltd to conduct the application for amendment to the EA under Section 31 and 32 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, dated 04 October 2016 as follows:

- » a validity extension of the EA by five (5) years;
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- » the removal of various infrastructure components required for the combined cycle generation process, and addition of various infrastructure components now required for the simple cycle generation process;
- » a replacement of the single reference to the wording, 'mid-merit' in the EA to correctly reflect 'Mid-Merit/Peaking', to ensure that both peaking and mid-merit options/scenarios have been considered for the development;
- » to specify in the project description of the EA the use of, Liquefied Petroleum Gas (LPG), Liquefied Natural Gas (LNG), Regasified Liquefied Natural Gas (RLNG) or pipeline natural gas as the fuel source (as assessed for the approved EA);
- » the removal of diesel mentions (as a fuel source) from the EA, as it is no longer applicable;
- » updating the fuel storage capacity to reflect that of the updated layout;
- » a correction on the EA to specify Activity 2 of Listing Notice 2 in the EA; and
- » amendment to conditions 14, 15, 16 and 17 of the approved EA to specify that the layout submitted and EMPr submitted have been approved.

In terms of Condition 5 & 6 of the Environmental Authorisation dated 04 October 2016 and Regulation 31 & 32 of the EIA Regulations, 2014, as amended, it is possible for an applicant to apply, in writing, to the competent authority for a change or deviation from the project description to be approved, and an opportunity is being provided to the public to provide comment on the proposed amendments.

Furthermore, in accordance with conditions 14 and 15 of the approved Environmental Authorisation (EA) for the project (DEA REF.: 14/12/16/3/3/2/867) **a final layout is being submitted for approval.**

Furthermore, in accordance with conditions 16 and 17 of the same approved EA, **an EMPr update is being conducted** to include specifications required by the EA. This includes:

- » EA & EIAR conditions;
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- » A traffic management plan;
- » A stormwater management plan;
- » An erosion management plan;
- » Monitoring system for leakages and spillages;
- » A fire management plan;
- » Measures to protect hydrological features; and
- » Environmental sensitivity map, and final layout map overlaid thereon.

Availability of Motivation Report, Update Layout and Update Environmental Management Programme for review and comment

Savannah Environmental has prepared a Motivation Report in support of the proposed amendments, as well as an Updated Layout and Updated EMPr as per the Environmental Authorisation conditions, on behalf of Richards Bay Gas Power 2 (Pty). These updated documents are available for public review and comment from **Thursday, 17 September 2020** until **Monday, 19 October 2020** and can be downloaded from Savannah Environmental's website (<https://www.savannahsa.com/public-documents/energy-generation/richards-bay-gas-to-power-energy-facility/>). The due date for written comment is **Monday, 19 October 2020**.

All comments received will be included in the final Motivation Report, EMPr and layout updates which will be submitted to the Department of Environment, Agriculture and Forestry (DEFF) for review and decision-making.

As a registered I&AP, our team welcomes your participation and looks forward to your involvement throughout this process. We also welcome you to share this information with any others that you feel will have a stake in the project and should be part of this process (such as occupiers of directly affected or surrounding properties, interest groups, community groups etc.).

Kind regards,



Nicolene Venter

Public Participation and Social Consultant

E-mail: publicprocess@savannahsa.com

**Notification sent to all Organs of State on project database
(Refer to Appendix D1)**

Campaign Message Editor - [Richards_Bay_G2P_400MW_-_EA,_EMPr]

Format: HTML

LOCATED IN RICHARDS BAY, KWAZULU-NATAL PROVINCE
(DEA REF.: 14/12/16/3/3/2/867)

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Please find attached the notification letter informing you of the availability of the **Motivation Report, Update Layout and Update Environmental Management Programme** for review and comment from Thursday, 17 September 2020 until Monday, 19 October 2020. These reports can also be downloaded from [Savannah Environmental's website](#).

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

Kind regards,

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Savannah Environmental
Website Uploads

Proof of upload

(To be included in Final Motivation)

SAHRIS

Website Uploads

Proof of upload

(To be included in Final Motivation)