

Comments and Response Trail: Final Environmental Impact Report for the Proposed Newcastle Gas Engine Power Plant, KwaZulu-Natal

[EIA Ref: 14/12/16/3/3/2/2031]

Report Prepared for

Newcastle Energy (Pty) Ltd.

Report Number 566508/CR-FEIR

Report Prepared by

The logo for srk consulting features a stylized orange 'V' shape composed of three horizontal bars of varying lengths, followed by the lowercase letters 'srk' in a bold, orange, sans-serif font, and the word 'consulting' in a lighter, grey, sans-serif font.

June 2021

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SRK Project Number 566508

June 2021

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Table of Contents

1 Introduction and Scope of Report.....	1
2 Comments and response trail	1
3 Conclusion.....	22
Appendix 1: IAP Database.....	24
Appendix 2: Correspondence	25

List of Tables

Table 2-1: Comments and Responses Trail on Draft Scoping Report	2
Table 2-2: Comments and Responses on Final Scoping Report	8
Table 2-3: Comments and Responses Trail on Draft Environmental Impact Report	18

Disclaimer

The opinions expressed in this Report have been based on the information supplied to SRK Consulting (South Africa) (Pty) Ltd (SRK) by Newcastle Energy (Pty) Ltd. The opinions in this Report are provided in response to a specific request from Newcastle Energy to do so. SRK has exercised all due care in reviewing the supplied information. Whilst SRK has compared key supplied data with expected values, the accuracy of the results and conclusions from the review are entirely reliant on the accuracy and completeness of the supplied data. SRK does not accept responsibility for any errors or omissions in the supplied information and does not accept any consequential liability arising from commercial decisions or actions resulting from them. Opinions presented in this report apply to the site conditions and features as they existed at the time of SRK's investigations, and those reasonably foreseeable. These opinions do not necessarily apply to conditions and features that may arise after the date of this Report, about which SRK had no prior knowledge nor had the opportunity to evaluate.

1 Introduction and Scope of Report

Newcastle Energy (Pty) Ltd. (Newcastle Energy), a subsidiary of Vutomi Energy (Pty) Ltd. (Vutomi), own an 18.5-megawatt (MW) capacity gas fired cogeneration (steam and power) plant within to the Karbochem Industrial Complex in Newcastle, KwaZulu-Natal.

Through the Newcastle Gas Engine Power Plant (NGEPP) Independent Power Producer (IPP) project, Newcastle Energy proposes to increase its electricity generation capacity to approximately 100 MW and intends to submit a bid for the above RM IPP Procurement Programme Tender.

In terms of the latest amendments to the 2014 Environmental Impact Assessment (EIA) Regulations¹, as published on 07 April 2017, a power generation project of this magnitude requires an application for Environmental Authorisation via a Scoping and Environmental Impact Reporting (S&EIR) process.

SRK Consulting (South Africa) (Pty) Ltd. (SRK) has been appointed as the Environmental Assessment Practitioner (EAP) to undertake the required environmental applications on behalf of Newcastle Energy for the proposed project.

The S&EIR process consists of two phases, a Scoping Phase and an EIA Phase. The Scoping Phase commenced in October 2020 with notification of potential interested and affected parties (I&APs) and distribution of the Draft Scoping Report and Plan of Study for EIA for review and comment. The Final Scoping Report (SRK, December 2020) was accepted by the National Department of Forestry, Fisheries and Environment (DFFE) (formerly known as the Department of Environment, Forestry and Fisheries or "DEFF") on 18 February 2021.

This document constitutes the Comments and Response Trail Report that will be appended to the Final Environmental Impact Report (EIR) for the Proposed NGEPP project (i.e. as Appendix E).

2 Comments and response trail

A summary of comments received (up to 3 June 2021) and corresponding responses from the project team are presented in Tables 2-1, 2-2 and 2-3 below.

¹ The EIA Regulations, as amended in 2017, are promulgated under the National Environmental Management Act (No. 107 of 1998) (NEMA).

Table 2-1: Comments and Responses Trail on Draft Scoping Report

Date	Commentator	Organisation	Comment	Response
11 November 2020	Siva Reddy	Brother CISA (Pty) Ltd	a) (p24 of DSR) The existing electrical infrastructure is not suited for this load and will influence the electrical supply security to Brother CISA.	<p>Response from the Newcastle Energy Technical Team:</p> <p>The existing infrastructure design capacity is principally adequately rated on the basis that the Karbochem complex supply and substation were rated to supply the original Karbochem installation which comprised a 70 MVA furnace load and then other 11kV plant load supplied via two pairs of 132/11 kV step down transformers of 30 MVA and 20 MVA firm capacity each. The numeric sum of those ratings is 120 MVA. Subsequently T5 and T6 132/11kV transformers have been installed of 15 MVA firm capacity. The Karbochem load does not prevail any longer and the load on the 20 MVA and 30 MVA 11 kV switchboards is expected to be small, hence the statement that the original installed rated capacity can afford accommodating the 100MVA prospective generation capacity. Furthermore, if the Vutomi plant is connected to the Karbochem substation, the existing Brother CISA load on Karbochem substation will effectively be supplied from Vutomi when it is generating, with only the balance of power (say 100 – 15 MVA = 85 MVA) flowing back via the Karbochem overhead line circuit where the conductor rating on each (of the two) 132 kV line circuit equates to nominally 180/240 MVA winter and summer ratings respectively.</p> <p>It is not expected that the Vutomi supply connection will materially reduce the power supply quality to Brother CISA, in fact it may act to some extent as having a voltage stabilising impact. In principle, dynamically, a Co-generation plant is less demanding than a furnace load of similar rating, for which the transmission system to Karbochem was originally designed to supply.</p> <p>If the Vutomi connection is to be at Karbochem substation, the Vutomi inter-connection with the “external Eskom Grid system” will be via the Newcastle Municipality’s 132kV transmission system (making use of existing servitudes).</p>
			b) (p27) How will fuel be shipped in? Is an on-site LNG facility for seen?	<p>Response from the Newcastle Energy Technical Team:</p> <p>Newcastle Energy proposes to develop a 2 100m³ LNG storage facility comprising of:</p> <ul style="list-style-type: none"> • 7 x 300 m³ cryogenic tanks. • A regassification facility. • An LNG offloading skid. • Pressure reduction station. <p>LNG will be transported to site using LNG ISO containers from Durban/Richards Bay Port via road to the project site.</p> <p>Following the initial filling of the LNG storage tanks, it is anticipated that during operations one LNG ISO container will be required every 10 days to replenish the boil-off gas consumed by the power plant.</p>

Date	Commentator	Organisation	Comment	Response
			<p>c) (p29) Electrical switch yard is full no space available for new connections.</p> <p>d) If new overhead power lines are required routing should be indicated as part of EIA.</p>	<p>Response from the Newcastle Energy Technical Team:</p> <p>If the Vutomi point of connection is at Karbochem 132kV substation, the proposal is to affect the connection by utilising but redesigning and re-equipping the existing 132kV furnace feeder bay in the Karbochem 132 kV substation switch yard.</p> <p>At this stage, the need for new overhead powerlines has not been confirmed. If required, it is envisaged a separate Application for Environmental Authorisation will be lodged via the undertaking of a Basic Assessment process.</p>
18 November 2020	Jan Louw	G7 Energies	<p>Please could you register G7 Renewable Energies as an I&AP on: Newcastle Gas Engine Power Plant 100 MW</p> <p>Please could you register Veronique Fyfe as the main contact using the email address eia@g7energies.com.</p> <p>Feel free to contact myself on the following number if anything is unclear, 076 423 8710</p>	<p>Thank you for your interest in registering as an IAP. The status of the Scoping and Environmental Impact Report (S&EIR) process at that time was provided via email, along with the link to access the Draft Scoping Report. G7 Energies has been registered on the IAP database.</p>
27 November 2020	Thulisile Nyalunga	Department of Environmental Affairs Fisheries & Forestry	<p>a) The activities you have applied for in the application form differ from those mentioned in the draft SR. You have applied for listed activity 4 of Listing Notice 2 but is not included in the application form. An amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link https://www.environmenta.gov.za/documents/forms.</p> <p>b) Please ensure that all relevant listed activities are applied for, are specific and that it can be linked to the development activity or infrastructure as described in the project description.</p>	<p>a) Noted, the amended application has been submitted accordingly.</p> <p>b) Consideration has been given to all components of the proposed development. The identified triggered activities are linked to a specific aspect of development as noted in Section 7 of the application form (see Appendix B of the Final EIR).</p>
			<p>c) GPS co-ordinates of the boundary of the property (indicate the four corner points of the activity). The co-ordinates must be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection).</p>	<p>c) Noted. Section 5 of the Final Scoping Report was been updated to include coordinates of the four corner points in degrees and decimal minutes. These are similarly included in the Final EIR.</p>

Date	Commentator	Organisation	Comment	Response
			d) Please provide a description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity as per Appendix 2 of the EIA Regulations, 2014. Alternatively, you should submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist in terms of Appendix 2.	d) Chapter 9, the Draft Scoping Report (and Final Scoping Report) describes the consideration of alternative activities (Section 9 of the Final EIR). No activity alternatives are considered as part of this EIA. The site on which the NGEPP is proposed, houses an existing 18.5 MW gas fired cogeneration plant. As such, much of the gas, water and electrical grid tie in points are already established (although some minor reconfiguration / upgrades might be required).
			e) The environmental screening tool summary on pages 55-56 of the report has the heading motivation as to why not proposed. All identified specialist studies have been included under this heading. Please correct this to clearly distinguish those specialist studies that will not be conducted, from those that will be conducted.	e) Noted. The table (Table 13-1) was amended accordingly in Section 13.1 of the Final Scoping Report.
			f) Details of the specialists that prepared the specialist reports, including their curriculum vitae (you are referred to Appendix 6 (1) (1) of the EIA Regulations 2014, as amended).	f) Noted. The specialist reports prepared during the EIA Phase have endeavoured to comply with Appendix 6 of the EIA Regulations, 2014, as amended. Although no specialist studies were attached to the Final Scoping Report, the names and companies of the proposed specialists and specialist peer reviewers included in Section 13 of the Final EIR. Also see Table 13-1 of the Final EIR.
			g) Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expertise advice.	g) Noted. Due consideration has been given to the integration of specialist studies and any contradictions addressed in accordance with the requirements of the Department (see Section 13 of the Final EIR).
			h) Where specialist studies are conducted in-house or by a specialist other than a suitably qualified specialist in the relevant field, such specialist reports must be peer reviewed by a suitably qualified external specialist in the relevant field.	h) Noted. All proposed specialists are suitably qualified and experienced. Where studies were undertaken by internal SRK specialists, those studies have been subjected to peer review by a suitably qualified external specialist in the relevant field. The specialist peer reviewers engaged have been listed in Section 13 of the Final EIR. As at the date of the Draft EIR, external specialist peer reviews were still in the process being undertaken for the following SRK in-house specialist studies, which were included as "draft" reports in the Appendix G of the Draft EIR: <ul style="list-style-type: none"> - Draft Atmospheric Impact Report - Draft Climate Change Impact Assessment

Date	Commentator	Organisation	Comment	Response
				<ul style="list-style-type: none"> - Draft Acoustic Impact Assessment <p>Since the distribution of the Draft EIR, the external peer reviews of the above studies have been completed and the SRK reports updated where applicable. The updated (i.e. final) specialist reports are included in Appendix G of the Final EIR, accompanied by Peer Review Reports from each of the external reviewers, as well as a "comments and responses" letter by the SRK specialists to acknowledge how comments were addressed (where applicable).</p>
			i) The final SR must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development.	i) The Public Participation Plan compiled in accordance with Annexure 3 and Annexure 4 of the GN R. 650 Directions, as applicable for an EIA process was submitted to and approved by DEFF on 30 October 2020. In the Public Participation Plan, the interested and relevant competent and commenting authorities were identified and provided opportunity to comment on the proposed development. Additional IAP notification measures were undertaken as documented in the Section 11 (Public Participation Process) of the Final Scoping Report. A copy of the IAP Database for the project is attached to this report as Appendix 1 of the Final Scoping Report. The database summarises all communications with IAPs and Authorities.
			j) The Public Participation Report must contain clear and legible copies of the newspaper advert, site notices, and proof of notification of organs of state.	j) Noted. Although a separate Public Participation Report has not been compiled, Section 11 of the Final Scoping Report details the tasks undertaken with reference to: <ul style="list-style-type: none"> - Appendix C: Public Participation Plan (GN R 650). - Appendix D: IAP Database. - Appendix E: Site Notices. - Appendix F: Advertisement. Proof of notifications via email and letter are attached as Appendix 2 of this Comments and Responses Trail Report.
			k) Please ensure that all issues raised and comments received during the circulation of the draft SR from registered I&APs and organs of state which have jurisdiction (including this Department's Biodiversity, Air Quality Management and Climate Change sections) in respect of the proposed development are adequately addressed in the Final SR. Proof of correspondence with the various stakeholders must be included in the Final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.	k) The IAPs identified in the DEFF approved Public Participation Plan which was appended to the EA application form were notified. Proof of all correspondence is attached as Appendix 2 of this Comments and Responses Trail Report. The DEFF Biodiversity, Air Quality and Climate Change Departments have been included in the IAP database and were provided with copies of the Final Scoping Report. Similarly, they were provided with copies of the Draft EIR, and will similarly receive notification of the Final EIR too.

Date	Commentator	Organisation	Comment	Response
			<p>l) The Public Participation Process must be conducted in terms of Regulation 39, 40, 41, 42, 43 and 44 of the EIA Regulations 2014 (as adapted by the approved Public Participation (PP) Plan, submitted in terms of the Directions Regarding Measures to Address1 Prevent and Combat the Spread of COVID-19 Relating to National Environmental Management Permits and Licences).</p> <p>m) A comments and response trail report (C&R) must be submitted with the final SR. The C&R report must be a separate document from the main report and the format must be in table format.</p> <p>n) You are further reminded that the final SR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of Scoping Reports in accordance with Appendix2 and Regulation 21(1) of the EIA Regulations, 2014.</p>	<p>l) Noted. The Public Participation Process has thus far been conducted in terms of Regulation 39, 40, 41, 42, 43 and 44 of the EIA Regulations 2014 (as adapted by the approved Public Participation (PP) Plan, submitted in terms of the Directions Regarding Measures to Address, Prevent and Combat the Spread of COVID-19 Relating to National Environmental Management Permits and Licences).</p> <p>m) Noted. The Comments and Responses Trail Report up to the date of 11 December 2020 and was appended to the Final Scoping Report as Appendix G. This document constitutes the updated Comments and Responses Trail Report (up to 03 June 2021) that is appended to the Final EIR as Appendix E.</p> <p>n) This is noted.</p>
02 December 2020	Ntombethu Makwabasa	Department of Water & Sanitation	<p>a) The Department notes the locality map reflecting that there is a wetland within 201.54m from the proposed development. The Applicant is further reminded to:</p> <p>i) Make use of the Department's guideline entitled "A practical field procedure for identification and delineation of wetlands and riparian areas (DWAF, 2005)" in the upcoming processes.</p> <p>ii) Show all wetlands (in and around the site), their delineated boundaries as well as the buffer zone(s) to be applicable to this project;</p> <p>iii) Superimpose ALL the project infrastructure (temporary & permanent) which forms part of this development on a map that reflects the wetlands and river crossings.</p> <p>iv) Take note that developing within a regulated area requires authorisation from the Department prior to commencing with the activity.</p>	<p>a) Noted. See further comments below:</p> <p>i) A suitably qualified specialist has been appointed to undertake delineation of the watercourses associated with the proposed development according to "DWAF, 2008: A practical Guideline Procedure for the Identification and Delineation of Wetlands and Riparian Zones". Aspects such as soil morphological characteristics, vegetation types and wetness have been used to verify the delineation of the watercourse temporary zone according to the guidelines.</p> <p>ii) A watercourse classification assessment has been undertaken according to the Classification System for Wetlands and other Aquatic Ecosystems in South Africa. User Manual: Inland systems (Ollis et al., 2013).</p> <p>iii) Noted.</p> <p>iv) Based on the findings during the assessment and based on the project plan and proposed layout plan as provided by the proponent, a compliance statement will be developed in support of the NEMA authorisation process.</p> <p>[Note: Refer to Section 13.3 of the Final EIR for the outcomes of the specialist report (Aquatic Ecological Impact and Compliance Statement). The complete report is attached to the Final EIR as Appendix G-3].]</p>

Date	Commentator	Organisation	Comment	Response
			<p>b) Page 13 reflects that there will be decommissioning and demolition of existing cogeneration. The Department advises as follows:</p> <ul style="list-style-type: none"> i) In the upcoming processes the Department looks forward to a detailed disposal plan for the units and materials that will be disposed of. ii) The report states that "All tanks, pipes and sumps containing hydrocarbons to be flushed or emptied prior to removal to ensure no hydrocarbon/chemical residue remains". The Department advises that detailed plans on storage/after use/disposal of flushed hydrocarbons and contents of the liquid storage tanks need to be reflected on the upcoming processes. iii) The Applicant is reminded to reflect the said infrastructure in legible, drawn to scale site layout maps. <p>c) The Department recaps that a preliminary Master Layout map will be necessary to enhance the EIA and the EMP. The Map should, amongst others:</p> <ul style="list-style-type: none"> i) Show all watercourses: channels, drainage lines, streams, tributaries, rivers, wetlands, etc within and around the site of interest; ii) Show the 1:100-year floodline of all drainage lines, channels, streams, tributaries, rivers (in and around the site) or 100m distance (whichever is greatest); iii) Show all wetlands (in and around the site), their delineated boundaries as well as the buffer zone(s) to be applied for this development; iv) Superimpose ALL the proposed development infrastructure (temporary & permanent) which forms part of this development. 	<p>b) Noted. See comments below:</p> <ul style="list-style-type: none"> i) The methodology for demolition will be devised by the demolition contractors. At this stage, it is understood that wherever it is practical, equipment and materials with value will be sold and removed from the site. All other equipment will be demolished and disposed of on-site. Equipment with scrap or salvage value will be removed from the plant and stored either in a salvage yard or in a facility designated for this purpose during the demolition period. ii) Noted. Once the disposal plan for the decommissioning phase has been devised, detailed plans on storage/after use/disposal of flushed hydrocarbons and contents of the liquid storage tanks will be reflected in the upcoming processes. iii) Noted. Infrastructure is reflected in the Final Scoping Report and is further detailed in the Final EIR. <p>c) Noted. Will endeavour to reflect all requirements in the Master Layout map to be included in the Final EIR.</p>

Date	Commentator	Organisation	Comment	Response
			<p>d) The report has made reference and recommendation to a number of specialist studies and or further studies and mitigation planning that will be undertaken for the succeeding phases of the impact assessment processes.</p> <p>i) This Department appreciate the studies and looks forward to them.</p> <p>ii) The Applicant is required to include a comprehensive Storm Water Management Plan (SWMP) detailing appropriate measures to be implemented to protect the water resources in and around the site during construction, operation and throughout the life span of the project.</p>	<p>d) Noted. A Hydrology and Flooding Assessment for the Proposed Newcastle Gas Engine Power Plant, KwaZulu-Natal (December 2020) has been undertaken to inform the feasibility study for the project. The above report includes a conceptual SWMP and further recommends the following:</p> <ul style="list-style-type: none"> - An attenuation facility is recommended to attenuate and discharge the post-development back to the pre-development clean storm water runoff. The attenuation pond required depth is 1.5m and an area of 200m² with an outlet pipe of 350mm (diameter or opening). - The detailed storm water management plan for the site should incorporate the outputs from Hydrology and Flooding Assessment report. - Ensure that the existing formalised storm water channel continues to drain the minor upstream catchment along the existing servitude. - Rainwater harvesting that will reduce flood peaks and provide water to the development that may be used for plant activities, landscaping or the flushing of toilets.

Table 2-2: Comments and Responses on Final Scoping Report

Date	Commentator	Organisation	Comment	Response
8 February 2021	Siva Reddy	Brother CISA (Pty) Ltd	a) (p.20) Proposed LNG facility is directly next to site main gate with high traffic volumes and truck parking and overnight area	a) The Site gate referred to is the main Karbochem entrance gate just north of the old IPSA plant or proposed new NGEPP plant. Subsequent the release of the Final Scoping Report, and further to discussions with Karbochem the site to the north of the NGEPP is no longer preferred. Instead, Karbochem proposed the use of 3 open pieces of land to the east of the NGEPP. The LNG storage facility has been redesigned to fit within the land suggested by Karbochem and is indicated in the Final EIR (see Figure 5-1). [Note: This LNG storage facility is only for a 3 day back-up fuel supply and will require very low traffic - estimated around 1 truck every 10 days to replenish the boil-off gas consumed by the power plant. The main gas supply is still envisaged to come via the existing gas pipeline.]
			b) (p24) This will have to be negotiated with the current tenants on site through a service agreement. It will be more than just supply water and effluent to the site infrastructure IPSA was never part of tenants on site	b) Newcastle Energy has a land lease agreement with Karbochem. All the utilities are also sourced from Karbochem and any services and utility agreements will be via Karbochem as the landlords.
			c) (p.32) lay out do not show origination with rest of the site and connecting roads that can lead to accident with other truck entering and leaving site	c) Refer to response to the point a) above.
			d) The size and location of the LNG storage is a big Risk and should be address in the MHI	d) Noted. Riscom has been appointed to undertake a qualitative risk assessment (i.e. as one of the specialist studies to inform the EIR). The proposed new

Date	Commentator	Organisation	Comment	Response
				locality of the LNG facility (i.e. to the east of the NGEPP) has been assessed as part of that study, which informs future MHI applications as applicable (refer to Section 13.6 and Appendix G-6 of the Final EIR).
			e) The LNG storage is directly next to the main Site gate with high traffic volumes and truck stop / overnight area	e) Refer to response to the point a) above.
29 January 2021	Ms. Lizell Stroh	Civil Aviation Authority: Obstacle Inspector	<p>a) Please find the SACAA procedure and processes to follow for this Authority in Granting Approval to the Said proposed project. http://www.caa.co.za/Pages/Default.aspx http://www.caa.co.za/Pages/Obstacles/Urgent-notices.aspx please take note to the information required, fees, ... http://www.caa.co.za/Documents/Obstacle%20Application%20Process%2020180105.pdf process to follow http://www.caa.co.za/Obstacles%20Forms/CA139-27.pdf application form.</p> <p>Kindly provide a .kml (Google Earth) file reflecting the footprint of the proposed development site.</p>	a) Noted. The processes were followed. SRK was further advised that contact be made with the Newcastle Municipality's engineering department, Director (Mr. Sydney Chauke). Attempts to reach Mr. Chauke have been unsuccessful to date. It was later learned that Newcastle Municipal Airport is managed by the Municipality's Economic Development Directorate. See comments below for correspondence with Newcastle Municipality.
9 March 2021	Mr. Laurence Short	Director Economic Development and Tourism Newcastle Municipality	<p>a) Please note as per your email that the Newcastle Airport is owned and managed by the Newcastle Municipality and falls under the Economic Development Directorate. Our Airport is fully functional and compliant with all CAA regulations. will forward your request to our Strategic Executive Director who will make the final recommendation/ approval as requested should your application meet with the necessary requirements.</p> <p>b) Please be advised that prior to our letter of support or any comments we seek clarity on the following aspects of your development.</p> <p>i) According to your Draft Scoping Report all the existing buildings, stacks and chimneys will be demolished and</p>	<p>a) One of the stipulations of the application process states, "All obstacle applicants must obtain permission letters from the licensed aerodrome if an obstacle is within a radius of 8 / 15 km (as applicable) from such an aerodrome". Newcastle Municipal Airport falls within the 8km radius which requires a permission letter from management of the facility (i.e. Newcastle Municipality's Local Economic Development office). Mr. Short was requested to confirm whether the facility is still operational and to kindly provide SRK us with a permission letter to support Newcastle Energy's application?</p> <p>b) Please find correspondingly numbered responses below:</p> <p>i) The engine house to be constructed will consist of silencers (45 dBA) and 13 exhaust stacks each of 33 m height.</p>

Date	Commentator	Organisation	Comment	Response
			<p>replaced as per the plan on the same report. This plan depicts a new stack/chimney, we would like to know what the height of this proposed stack/chimney is and what is the height of the existing stack/chimney.</p> <p>ii) The surrounding air space is utilised for manoeuvring aircraft to and from the airport, we would like to know if the stacks will emanate any clouds of gas, steam, flame, smoke or any other vapours that will hinder visibility in the area;</p> <p>iii) Is there any further infrastructure that will be connected to the site for the distribution of electricity produced?</p>	<p>ii) An Atmospheric Impact Report was undertaken as a specialist study for the required environmental applications on behalf of Newcastle Energy for the proposed project. This assessment accounts for all significant air pollution releases associated with operation of the new 100 MW NGEPP i.e. Nitrogen Dioxide (NO₂), Carbon Monoxide (CO), Particulate Matter (PM₁₀) and Non-methane hydrocarbons (NMHC). The burning of clean natural gas produces insignificant levels of these which are well below the National Ambient Air Quality Standards (NAAQS). Furthermore, these gases are colourless and odourless meaning that they would not impede on visibility in any way.</p> <p>iii) Yes. At this stage, Newcastle Energy proposes to increase its electricity generation capacity within the existing site from 18 MW to approximately 100 MW. At this stage, the need for new overhead powerlines to export the electricity to be generated has not been confirmed. If required, it is envisaged a separate Application for Environmental Authorisation will be lodged via the undertaking of a Basic Assessment process, at which time, the Newcastle Municipality's Local Economic Development office will be contacted for comment as applicable.</p>
18 February 2021	Ms. Sindiswa Dlomo	Department of Environmental Affairs Fisheries & Forestry	<p>a) Listed Activities</p> <p>i) The EIA must provide an assessment of the impacts and mitigation measures for each of the listed activities applied for. In this regard, ensure that the details of the decommissioning of the existing 18.5 MW gas fired cogeneration plant are provided, and the impacts thereof are assessed, in the EIA, including the disposal plans for flushed hydrocarbons and contents of the liquid storage tanks, per the comments from the Department of Water and Sanitation.</p> <p>ii) Proof of correspondence with the various stakeholders must be included in the final EIA. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.</p>	<p>a) Listed Activities</p> <p>i) The impacts of the demolition of the existing 18.5 MW plant are assessed in Section 13 of the Final EIR. The specialist recommendations and mitigation measures are carried forward into the EMP (appended to the Final EIR as Appendix H).</p> <p>ii) Proof of circulation of the Draft and Final Scoping reports, as well as the Draft EIR, to the Interested and Affect Parties is contained in Appendix 2 of this Comments and Responses Trail Report.</p>

Date	Commentator	Organisation	Comment	Response
			<p>a) Public Participation</p> <p>i) Please ensure that comments from all relevant stakeholders are submitted to the Department with the EIAR. This includes but is not limited to the KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs (EDTEA), the EDTEA: Provincial Air Quality Authority, the Newcastle Local Municipality, the Amajuba District Municipality, the Department of Water and Sanitation (DWS), Eskom, the Civil Aviation Authority (CAA), the Newcastle Municipal Airport, and the Department of Environment, Forestry and Fisheries: Branches: Biodiversity and Conservation; and Climate Change and Air Quality. It is noted that heritage impacts are not anticipated (due to the transformed nature of the site, with no sensitive areas/materials being identified within the proposed development area during the construction of the existing plant), and that a chance finds procedure will be included in the Environmental Management Programme (EMPr), however please notify the relevant heritage authority of the availability of the EIAR, should they wish to comment.</p> <p>ii) Proof of correspondence with the various stakeholders must be included in the final EIAR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.</p>	<p>a) Public Participation</p> <p>i) Comments from the KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs (EDTEA), Department of Water and Sanitation (DWS), on the Draft and Final Scoping Report are included in Table 2-1 and 2-2 of this report. Correspondence to solicit comment from on the Final Scoping Report from the following departments is contained in Appendix 2 of this Comment and Responses Trail Report:</p> <ul style="list-style-type: none"> o EDTEA: Provincial Air Quality Authority, o Newcastle Local Municipality. o Amajuba District Municipality. o Eskom o Civil Aviation Authority (CAA). o Newcastle Municipal Airport. o DFFE Branches: Biodiversity and Conservation; and Climate Change and Air Quality. <p>The request to include the Heritage Authority (Amafa aKwaZulu Natal) has been noted and the Senior Heritage Officer added to the I&APs register for inclusion in subsequent phases of the Environmental Authorization application process.</p> <p>ii) The IAPs identified in the DFFE approved Public Participation Plan which was appended to the EA application form were notified. Proof of all correspondence is attached as Appendix 2 of this Comments and Responses Trail Report. The DEFF Biodiversity, Air Quality and Climate Change Departments were included in the IAP database and received a copy of the Final Scoping Report. The Civil Aviation Authority (CAA), Provincial Heritage Authority (Amafa aKwaZulu Natal) and Newcastle Municipal Airport were included in the Final SR and will be duly informed of future opportunities to participate in the process.</p>

Date	Commentator	Organisation	Comment	Response
			<p>iii) A Comments and Response trail report (C&R) must be submitted with the final EIAr. The C&R report must incorporate all comments for this development. The C&R report must be a separate document from the main report. Please ensure that all issues raised, and comments received during the circulation of the draft SR and draft EIAr from registered I&APs and organs of state which have jurisdiction in respect of the proposed activity are adequately addressed in the C&R. Please note that a response such as "Noted" is not regarded as an adequate response to I&AP's comments.</p>	<p>iii) Noted. This document constitutes the Comments and Responses Trail Report up to the date of 03 June 2021 and is appended to the Final EIR as Appendix E.</p>
			<p>iv) The Public Participation Process must be conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations, 2014, as amended.</p>	<p>iv) Noted. The Public Participation Process has thus far been conducted in terms of Regulation 39, 40, 41, 42, 43 and 44 of the EIA Regulations 2014 (as adapted by the approved Public Participation (PP) Plan, submitted in terms of the Directions Regarding Measures to Address, Prevent and Combat the Spread of COVID-19 Relating to National Environmental Management Permits and Licences).</p>
			<p>a) Alternatives i) Please provide a description of each of the preferred alternative types and provide detailed motivation on why it is preferred.</p>	<p>a) Alternatives i) A description of each alternative type are detailed in Section 9 of the EIR as follows: <ul style="list-style-type: none"> • Technology Alternative (Section 9.1) • Activity Alternatives (Section 9.2) • Site Alternatives (Section 9.3) • Layout Alternatives (Section 9.4) • No-go Alternative (Section 9.5) </p>
			<p>b) Layout & Sensitivity Maps i) The EIAr must provide the four corner coordinate points for the proposed development site, as well as the start, middle and end point of all linear activities (note that if the site has numerous bend points, at each bend point coordinates must be provided). <ul style="list-style-type: none"> • A clear Indication of the envisioned area for the proposed gas engine power plant; i.e. the facility and all </p>	<p>b) Layout & Sensitivity Maps i) The Geographical Coordinates for corners of the NGEPP Site and LNG facility are provided in Table 5-2 and Table 5-3 respectively of the Final EIR. Linear activities are not included in the application. <ul style="list-style-type: none"> • An aerial view of the NGEPP plant and LNG facility indicating the development footprint is provided in Figure 5-1 of the EIR. </p>

Date	Commentator	Organisation	Comment	Response
			<p>associated infrastructure should be mapped at an appropriate scale.</p> <ul style="list-style-type: none"> • A clear description of all associated infrastructure. This description must include, but is not limited to the following: • All necessary details regarding all possible locations and sizes of the proposed infrastructure. • A copy of the final preferred layout map. All available biodiversity Information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads. The layout map must indicate the following: <ul style="list-style-type: none"> ○ Permanent laydown area footprint. ○ Wetlands, drainage lines, rivers, streams and water crossings of roads and cables indicating the type of bridging structures that will be used; ○ The location of any sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected by the facility and its associated infrastructure. ○ Substation(s) and/or transformer(s) sites, including their entire footprint. ○ Location of access and service roads ○ All existing infrastructure on the site, especially railway lines and roads ○ Buffer areas 	<ul style="list-style-type: none"> • The plant general arrangement layout is provided in Figure 6-3 of the Final EIR and the general arrangement of the proposed associated LNG facility is provided in Figure 6-6. • Details of the NGEPP and associated infrastructure are contained in Section 6.3 of the EIR. • A preliminary layout for the LNG storage and regasification facility is provided in Figure 6-6. • Figures 13-17 and 13-18 show the NGEPP and LNG facility development footprint in relation to the desktop review of: <ul style="list-style-type: none"> ▪ National Freshwater Ecosystem Priority Areas (NFEPA) recognized rivers and wetlands. ▪ KZN Biodiversity Spatial Planning Map. • Figure 16-1 of the Final EIR shows the proposed plant footprint in relation to surrounding environmental sensitivities.

Date	Commentator	Organisation	Comment	Response
			<ul style="list-style-type: none"> ○ Buildings, including accommodation if any; and ○ All "no-go" areas. • An environmental sensitivity map indicating environmental sensitive areas and features identified during the assessment process. • A map combining the final layout map superimposed (overlain) on the environmental sensitivity map 	
			<p>c) Special assessments</p> <p>i) The EAP must ensure that the terms of reference for all the identified specialist studies includes the following:</p> <ul style="list-style-type: none"> • A detailed description of the study's methodology; an Indication of the locations and descriptions of the development footprint, and all other associated infrastructures that they have assessed and are recommending for authorisation. • Provide a detailed description of all limitations to the studies. All specialist studies must be conducted in the right season and providing that as a limitation will not be allowed. • Please note that the Department considers a 'no-go' area, as an area where no development of any infrastructure is allowed; therefore, no development of associated infrastructure including access roads is allowed in the 'no-go' areas. • Should the specialist definition of 'no-go' area differ from the Departments definition, this must be clearly indicated. The specialist 	<p>c) The department's requirements are noted and have been applied where practical and appropriate in the Final EIR.</p>

Date	Commentator	Organisation	Comment	Response
			<p>must also indicate the 'no-go' area's buffer if applicable.</p> <ul style="list-style-type: none"> • All specialist studies must be final, and provide detailed/practical mitigation measures for the preferred alternative and recommendations, and must not recommend further studies to be completed post EA. • Should a specialist recommend specific mitigation measures, these must be clearly indicated, • Regarding cumulative impacts: <ul style="list-style-type: none"> ○ Clearly defined cumulative impacts and where possible the size of the identified impact must be quantified and indicated, i.e. cumulative air quality impacts. ○ A detailed process flow to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project. ○ Identified cumulative impacts associated with the proposed development must be rated with the significance rating methodology used in the process. ○ The significance rating must also inform the need and desirability of the proposed development ○ A cumulative impact environmental statement on 	

Date	Commentator	Organisation	Comment	Response
			<p>whether the proposed development must proceed.</p> <p>ii) Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expert advice.</p> <p>iii) Where specialist studies are conducted in-house or by a specialist other than a suitably qualified specialist in the relevant field per the requirements of the protocols, such specialist reports must be peer reviewed by a suitably qualified external specialist in the relevant field.</p> <p>iv) It is further brought to your attention that the Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for Environmental Authorisation (i.e. "the Protocols"), which were promulgated in Government Notice No. 320 of 20 March 2020 and No. 1150 of 30 October 2020 (i.e. protocols for terrestrial plant and animal species). Please note that specialist assessments must be conducted in accordance with these protocols, except where the applicant provides proof to the competent authority that the specialist assessment affected by these protocols had been commissioned before the date on which the protocols came into effect, in which case Appendix 6 of the Environmental Impact Assessment Regulations, 2014, as amended, will apply to such applications.</p>	

Date	Commentator	Organisation	Comment	Response
			<p>d) Environmental Management Programme</p> <ul style="list-style-type: none"> i) Please ensure that the mitigation measures specified in the EIA and specialist reports for the decommissioning of the existing facility, and the development of the proposed facility, are incorporated into the EMP(s). In addition, ensure that the EMP(s) complies with the content of the EMP in terms of Appendix 4 of the EIA Regulations, 2014. As amended. ii) Please ensure that the actions and outcomes specified for the decommissioning of the existing facility are clearly distinguished from those required for the development of the new facility. for ease of implementation. iii) The EMP must include the frequency for the auditing of compliance with the conditions of the EA and EMP (for the construction and operational phases), and for the submission of such compliance reports to the competent authority. 	<p>d) The department's requirements are noted and have been applied where practical and appropriate in the Final EIR.</p>
			<p>e) General</p> <ul style="list-style-type: none"> i) The EIA must provide the technical details for the proposed facility, as well as their description and/or dimensions, in the following table format.: ii) Details of the future plans for the site and infrastructure after decommissioning in 20-30 years and the possibility of upgrading the proposed infrastructure to more advanced technologies must be indicated. 	<p>e) The department's requirements are noted and have been applied where practical and appropriate in the Final EIR.</p>

Date	Commentator	Organisation	Comment	Response
			<ul style="list-style-type: none"> iii) Should a Water Use License be required, proof of application for a license needs to be submitted. iv) Confirmation from the Karbochem Industrial Complex regarding the availability of services must be included in the EIAr. 	
25 February 2021	Ms. Zethu Makwabasa	Department of Water and Sanitation	a) The DWS acknowledged receipt of the FSR and requested the department be included in future project notifications through the EIA Phase.	a) Comments noted. The DWS was notified of the availability of the Draft EIR for comment and provided with a copy. Similarly, the DWS will be notified of the availability of the Final EIR for comment and provided with a copy.

Table 2-3: Comments and Responses Trail on Draft Environmental Impact Report

Date	Commentator	Organisation	Comment	Response
28 April 2021	DFFE online submission portal	Department of Fisheries, Forestry and the Environment	<ul style="list-style-type: none"> a) The Department confirms having received the Draft Environmental Impact Assessment Report for the abovementioned project on 28 April 2021. You have submitted these documents to comply with the National Environmental Management Act, 1998(Act No. 107 of 1998) and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended b) You are hereby reminded of Section 24F of the National Environmental Management Act 1998 (Act No. 107 of 1998), as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department. c) Kindly quote the abovementioned reference number in any future correspondence in respect of the application. 	Comments are noted.
29 April 2021	Mrs. Bernadet Pawandiwa - Senior Heritage Officer	KwaZulu –Natal Amafa and Research Institute	a) Thank you for notifying us. Please fill in and submit the attached Form J together with the documents for review and comment as per guidelines on the form.	a) The application Form J was completed, and all relevant documents submitted on the South African Heritage Resources Information System (SAHRIS) on 30 April 2021 and hard copies delivered to the Amafa office on 3 May 2021 as per guidelines on the form. Proof of submission is contained in Appendix 2 of this report.

Date	Commentator	Organisation	Comment	Response
11 – 14 May 2021	Mr. John Geeringh - Senior Consultant Environmental Management Land and Rights Eskom Transmission Division	Eskom	<p>a) I have been the IPP contact for Transmission for the past 7 years and have previously received communication from SRK on projects. Please put me directly on your IAP list for any IPP or other generation projects outside of Eskom. Please send me the project notification / BID document for the above project so that I can keep it on my register and keep track of the project. Please send me a KMZ file of the affected property and proposed development footprint so that it can be checked against Eskom Transmission projects and servitudes.</p> <p>b) Thank you for the information supplied. It seems that this development will not have a direct impact on any Eskom Transmission servitudes and infrastructure from the information supplied by you. Please keep me informed regarding the process and keep me on the IAP list.</p>	Mr. Geeringh was thanked for his comments. He was provided with the information he requested. He has been added to the I&AP database and will continue to be notified of updated to the process.
31 May 2021	Mr. Edward Mahosi on behalf of Ms. Nomfundo Tshabalala (Director General DFFE) and Mr Derrick Makhubele (Director of Air Quality Authorisation DFFE)	DFFE	<p>a) Process</p> <ul style="list-style-type: none"> • The report includes process description; overview of the technology; block and plant layout for the proposed project activities. However, there is no description or diagram for the process flow. This must be included in the final Atmospheric Impact Report (AIR). <p>b) Triggered S21 Listed Activities</p> <ul style="list-style-type: none"> • The report does not indicate listed activities to be triggered by the proposed activities. This must be included in the final EIR and/or AIR. <p>c) Atmospheric Impact Assessment</p> <ul style="list-style-type: none"> • Table 13-1 refers to Draft Atmospheric Impact Report for Proposed Gas-to-Power Plant in Newcastle, South Africa (Appendix G-1). The Department of Forestry, Fisheries and Environment (herein after to be referred as the Department) will only assess and make 	<p>A process flow diagram has been included in the final AIR which is attached to the Final EIR as Appendix G-1.</p> <p>Section 5.2 of the AIR indicates that the listed activity applicable for the NGEPP in terms of Section 21 of the NEM: AQA is Category 1: Combustion Installations, and specifically Subcategory 1.4: Gas Combustion Installations. The proposed project will require an Atmospheric Emission License (AEL) in terms of Section 21 of the NEM: AQA.</p> <p>The AIR attached to the Draft EIR was labelled as “draft” because the external peer review was still in progress. The peer review has been undertaken and the Final AIR is attached as Appendix G-1 to the Final AIR.</p>

Date	Commentator	Organisation	Comment	Response
			<p>inputs on the final AIR and not on the draft AIR.</p> <ul style="list-style-type: none"> • Kindly note that the AIR must be compiled in line with the Regulation No. 747 of 11 October 2013, issued in terms of the Air Quality Act. <p>d) Air Quality Dispersion Modelling</p> <ul style="list-style-type: none"> • Air Quality Dispersion Modelling to be included in the AIR must be in accordance with the Code of Practice attached in the Regulations Regarding Air Dispersion Modelling, 2014, No. 37804 Government Gazette, 11 JULY 2014 <p>e) New plants must comply with the new plant minimum emission standards as contained in part 3 of the Air Quality Act upon commencement of the listed activities.</p> <p>f) Compliance with the national dust control regulations, 2013 in terms of section 32 of the National Environmental Management: Air Quality Act, 2004 (Act No.39 of 2004), is also required.</p> <p>g) The Chief Directorate Air Quality Management has not been able to adequately assess the proposed project activities and provide air quality technical inputs because of the absence of a detailed and finalized AIR.</p> <p>h) The Department reserves the right to request more/additional information during processing of the Atmospheric Emission Licence application.</p>	<p>The AIR has been compiled in line with applicable legislation and regulations.</p> <p>The Air Quality Dispersion Modelling undertaken to inform the AIR has been undertaken in line with applicable legislation and regulations.</p> <p>Noted.</p> <p>Noted.</p> <p>Noted. The Final AIR is attached as Appendix G-1 to the Final AIR. An external peer review report is also included for DFFE's consideration.</p> <p>Noted. The AEL application will be lodged after conclusion of the Environmental Authorisation approval process (assuming a successful application).</p>
3 June 2021	Mr. Shahil Singh on behalf of Mr. N. Khathide (Strategic Executive Director of	Newcastle Local Municipality	<p>Please be advised that the Newcastle Municipality scrutinized all documents including the plans and maps provide and the following was noted:</p> <p>a) Erf 15618 Newcastle, that is zoned as "General Industrial" according to the Newcastle Town planning Scheme.</p>	<p>Noted, with thanks. Newcastle Energy currently awaits the approval letter from Newcastle Local Municipality in order to move forward with the Obstacle Application to the Civil Aviation Authority.</p>

Date	Commentator	Organisation	Comment	Response
	Development Planning and Human Settlements – Newcastle Municipality)		<p>b) The property is developed, and various industrial activities are in operation.</p> <p>c) The portion in question was historically been used for electrical generation, and the proposal entails the demolition of the current electrical generation infrastructure and its replacement with a new gas engine power plant.</p> <p>d) This directorate does not have any objection to the proposal subject to the following conditions:</p> <ul style="list-style-type: none"> • That the owner/developer must abide by all conditions/recommendations/regulations that emerges from the environmental authorization process. • That the owner/developer abide to all recommendations from specialist studies conducted as part of the Environmental Authorization. • That building plans must be submitted for the approval of the SED: Development Planning and Human Settlements. • Municipal approval and or support for the proposal is subject to the approval of the Civil Aviation Authority (CAA) as the Newcastle airport is within a close proximity to the proposed stacks (Chimney). • That any expansion and/or changes is subject to the municipalities further approval/endorsement. 	

3 Conclusion

The 30-day comment period on the Draft Environmental Impact Report closed on 31 May 2021. All comments received have been responded to and incorporated into the Final Environmental Impact Assessment Report where applicable. This document serves as the final Comments and Response Trail Report and is appended to the Final EIR. Should I&APs or commenting authorities have further comments on the Final EIR during the decision-making period, all comments will be responded to and forwarded to the DFFE for consideration.

Prepared by



Sipehele Mkhize
 Environmental Scientist

Reviewed by



Marius van Huyssteen
 Partner

All data used as source material plus the text, tables, figures, and attachments of this document have been reviewed and prepared in accordance with generally accepted professional engineering and environmental practices.

Appendices

Appendix 1: IAP Database

Title	Name	Surname	Organisation	Email
Project Team				
National and Provincial Authorities				
Ms.	Thulisile	Nyalunga	DFFE: Assessing Officer	TNyalunga@environment.gov.za
Mrs.	Sindisiwe	Dlomo	DFFE	SDlomo@environment.gov.za
Ms.	Fiona	Grimett	Department of Environmental Affairs Chief Directorate: Integrated Environmental Authorisations Directorate: National Infrastructure Development: National Infrastructure Projects	fgrimett@environment.gov.za
Mr.	Edward	Nkosi	DFFE: Air Quality Directorate	EMahosi@environment.gov.za
Ms.	Skumsa	Mancotywa	Chief Directorate: Protected Areas Systems Management: Ms Skumsa Mancotywa	Smancotywa.environment.gov.za
Mr.	Jongikhaya	Witi	Chief Directorate - Climate Change Monitoring and Evaluation	Jwiti.environment.gov.za
Ms.	Julliet	Mahlangu	DFFE: EIA Applications	EIAdmin@environment.gov.za
Mrs.	Bernadet	Pawandiwa	Senior Heritage Officer	bernadetp@amafapmb.co.za

Title	Name	Surname	Organisation	Email
Mr.	Shahil	Singh	Newcastle Municipality - Department of Town Planning	shahil.Singh@newcastle.gov.za
Mr.	Laurence	Short	Newcastle Airport - Local Economic Development Office	Laurences@newcastle.gov.za
Mr.	Zama	Mthembu	EDTEA (Provincial Air Quality Specialist)	zama.mtembu@kznedtea.gov.za
Ms	Nonku	Mokoena	Department of Water and Sanitation (DWS)	mokoenan@dws.gov.za

Title	Name	Surname	Organisation	Email
Ms.	Ntombethu	Makwabasa	Department of Water and Sanitation (DWS)	MakwabasaN@dws.gov.za
Mr.	Poovie	Moodley	EDTEA (Amajuba District Municipality)	Poovie.Moodley@kznedtea.gov.za
Mr.	Bhekani	Mhlungu	Environmental Manager - Amajuba District Municipality	bhekanim@amajuba.gov.za

Title	Name	Surname	Organisation	Email
Mr.	Siyabonga	Zuma	Newcastle Municipality - Environmental Manager	Siya.Zuma@Newcastle.gov.za
Ms.	Nothile	Mthimkhulu	Amajuba Municipality: Air Quality Officer	nothilem@amajuba.gov.za
Authorities				
Ms.	Thabisile Princess	Mkhwanazi	Ward Cllr. (Ward 34)	thabisile43@gmail.com
Dr.	Musa	Ngubane	Amajuba District Mayor	musan@amajuba.gov.za
Mr.	Sipho	Zwane	Amajuba District Municipal Manager	sipho@amajuba.gov.za
Mr.	Ntuthuko	Mahlaba	Newcastle Local Municipality: Mayor	mayor@newcastle.gov.za
Mr.	Kebone	Masange	Newcastle Local Municipality: Municipal Manager	mm@newcastle.gov.za

Title	Name	Surname	Organisation	Email
Mr.	John	Geeringh	Eskom: IPP Transmission Contact	GeerinJH@eskom.co.za

Title	Name	Surname	Organisation	Email
Ms.	Lizell	Stroh	Civil Aviation Authority: Obstacle Inspector	Strohl@caa.co.za
Ms.	Evenlyn	Shogole	Civil Aviation Authority: Aviation Environmental Protection Specialist	shogolee@caa.co.za

Neighbours

Title	Name	Surname	Organisation	Email
Mr.	Leon	Meyer	Karbochem	LeonM@karbochem.co.za
Mr.	Leon	Vermaak	Karbochem: Operations Manager	LeonVe@karbochem.co.za
Mr.	Piet	Steenkamp	Karbochem: Director	PietStee@karbochem.co.za
Mr.	Hein	Steenkamp	Karbochem: Alternative Director	hein.steenkamp@karbochem.co.za
Mr.	Siva	Reddy	Brother CISA: Managering Director	siva.reddy@brothercisa.com
Mr.	Dawie	van der Merwe	Brother CISA: Engineering Services manager	dawie.vandermerwe@brothercisa.com
Mr.	Kobus	Jansen	African Amines	kobusj@africanamines.com
Business / Industry				
Ms.	Cherryl	Chetty	Newcastle Advertiser	newadv@caxton.co.za
Ms.	Mariska	van der Westhuizen	Snips Accomodation B&B	snips.birdpark@gmail
Ms	Gugu	Bulunga	Siphosisizwe Guest Lodge	siphoselizweguestlodge@gmail.com

Title	Name	Surname	Organisation	Email
NGOs & Community Organizations				
Mr.	Percy	Sithembe	Newcastle Concerned Environmental Sustainability Group	SithebeP6@gmail.com
Mrs	Veronique	Fyfe	G7 Renewable Energies (Pty) Ltd	eia@g7energies.com ; veronique@g7energies.com

Appendix 2: Correspondence

Siphelele Mkhize

From: Thulisile Nyalunga <TNyalunga@environment.gov.za>
Sent: Thursday, 29 October 2020 14:48
To: Siphelele Mkhize
Subject: RE: 100MW Newcastle Gas Engine Power Plant (NGEPP) ,Newcastle, KZN.

EXTERNAL

Dear Siphelele

I apologise for the delay. The meeting will take place tomorrow at 10:00-11:00. You are requested to send a link for the connection of the meeting.

Regards
Thulisile

From: Siphelele Mkhize [mailto:SMkhize@srk.co.za]
Sent: Wednesday, October 28, 2020 4:41 PM
To: Thulisile Nyalunga <TNyalunga@environment.gov.za>
Cc: Sindiswa Dlomo <SDlomo@environment.gov.za>; Fiona Grimett <FGrimett@environment.gov.za>;
tswhati@vutomienenergy.co.za; Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: 100MW Newcastle Gas Engine Power Plant (NGEPP) ,Newcastle, KZN.

Dear Thulisile,

I understand that you have been assigned as the assessing officer for the 100MW Newcastle Gas Engine Power Plant (NGEPP) in Newcastle, KZN. This email serves to notify you that the Draft Scoping Report has been published for comment. Kindly access the document in the link below:

<https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>

We would also like to have a pre-application meeting before we submit the application. Kindly advise as to when you would be able to avail yourself for the pre-app meeting.

I look forward to hearing from you.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.
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'Please consider the environment before you print this email'

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Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 21:50
To: 'kobusj@africanamines.com'
Cc: Marius Van Huyssteen
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Tracking:	Recipient	Delivery
	'kobusj@africanamines.com'	
	Marius Van Huyssteen	Delivered: 04/11/2020 21:50

Dear Mr. Jansen,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
- <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.
Section A, 2nd Floor, Norfolk House
54 Norfolk Terrace, Off Blair Atholl Drive, Westville, 3630
PO Box 1969, Westville, 3630

Tel: +27 (0)31-279-1200; **Fax:** +27 (0)86 2302 939
Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 17:16
To: kobusj@africanamines.com
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:12
To: bhekanim@amajuba.gov.za
Cc: Marius Van Huyssteen
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Mr. Mhlungu,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
- <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 16:16
To: bhekanim@amajuba.gov.za
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224

Email: smkhize@srk.co.za
www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 17:00
To: siva.reddy@brothercisa.com
Cc: Marius Van Huyssteen
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Mr. Reddy,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
 - <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 17:13
To: siva.reddy@brothercisa.com
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224

Email: smkhize@srk.co.za

www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 15:50
To: 'zama.mtembu@kznedtea.gov.za'
Cc: Marius Van Huyssteen
Subject: Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Tracking:	Recipient	Delivery
	'zama.mtembu@kznedtea.gov.za'	
	Marius Van Huyssteen	Delivered: 04/11/2020 15:50

Dear Mr. Mthembu,

Further to the email below, please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
 - <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Wednesday, 28 October 2020 09:29
To: zama.mtembu@kznedtea.gov.za
Cc: poovie.moodley@kznedtea.gov.za; Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Draft Scoping Report for the Proposed Newcastle Gas Engine Power Plant, KwaZulu-Natal

Dear Mr. Mthembu,

As requested on your behalf by your colleague Mr. Poovie Govender, kindly use the following link to access the Draft Scoping Report for the Proposed Newcastle Gas Engine Power Plant, KwaZulu-Natal:

<https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>

Thank you and Kind Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Email: smkhize@srk.co.za
www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 15:58
To: mokoenan@dws.gov.za
Cc: Marius Van Huyssteen
Subject: Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Dear Ms. Mokoena,

I recently hand-delivered the report referenced in the subject line to your office on 23 October 2020 which was received by Mrs. Koleka Mputi at reception who advised that she would hand it over to you as you were unavailable at the time. Please confirm receipt.

Further to this, please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
- <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Email: smkhize@srk.co.za
www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 21:39
To: Poovie Moodley
Cc: Marius Van Huyssteen
Subject: RE: Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Thank you.

From: Poovie Moodley <Poovie.Moodley@kznedtea.gov.za>
Sent: Wednesday, 04 November 2020 16:21
To: Siphelele Mkhize <SMkhize@srk.co.za>
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: RE: Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

EXTERNAL

Thank you for the notification. I have sent my comments to our director for consolidation. The director signs it, after any other comments and respond to you

From: Siphelele Mkhize [SMkhize@srk.co.za]
Sent: Wednesday, November 04, 2020 4:01 PM
To: Poovie Moodley
Cc: Marius Van Huyssteen
Subject: Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Dear Mr. Moodley,

Further to our correspondence below, please be advised of the following:

* The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.

* The Draft Scoping Report is still available on the SRK website at the following link:

* <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia><<https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdocs.srk.co.za%2Fen%2Fza-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia&data=04%7C01%7CSMkhize%40srk.co.za%7Cb925872419a74276ddd808d880c3da5e%7Cc86799ae43604de58ed6fb4d739001eb%7C0%7C0%7C637400925959010132%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAilCjQljoiv2luMzliLCJBTil6lk1haWwiLCJXVC16Mn0%3D%7C1000&sdata=P72M1HsDdWCqI9q2%2F5PCgWLSVTp430cRBUMIYvkF%2F7s%3D&reserved=0>>

* The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize BSc. Hons.
Environmental Scientist
[\[cid:image001.jpg@01D6B2C3.C3694030\]](#)
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Email: smkhize@srk.co.za

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From: Poovie Moodley <Poovie.Moodley@kznedtea.gov.za>
Sent: Wednesday, 28 October 2020 09:16
To: Siphelele Mkhize <SMkhize@srk.co.za>
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>; Zama Mtembu <Zama.Mtembu@kznedtea.gov.za>
Subject: RE: Draft Scoping Report for the Proposed Newcastle Gas Engine Power Plant, KwaZulu-Natal

EXTERNAL
Good day

Yes Sir. I have received the document.

It would also be appreciated if you would email a link or electronic copy of the report to Mr Zama Mthembu (Air quality specialist EDTEA). His email is zama.mtembu@kznedtea.gov.za<<mailto:zama.mtembu@kznedtea.gov.za>> and cell 076 423 7555.

Thanking you in advance

Poovi

From: Siphelele Mkhize [SMkhize@srk.co.za]
Sent: Wednesday, October 28, 2020 9:02 AM
To: Poovie Moodley
Cc: Marius Van Huyssteen
Subject: Draft Scoping Report for the Proposed Newcastle Gas Engine Power Plant, KwaZulu-Natal
Good morning Mr. Moodley,

I trust that you're well. In our telephonic conversation last week Friday (23/10/2020) you advised that you would prefer a hard copy of the Draft Scoping Report for the Proposed Newcastle Gas Engine Power Plant. We sent it to you via courier on Monday (26/10/2020) who indicated that it arrived yesterday. This is to confirm whether you received it.

Thank you and Kind regards,

Siphelele Mkhize BSc. Hons.

Environmental Scientist

[cid:image001.jpg@01D6B2C3.C3694030]

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Email: smkhize@srk.co.za

[www.srk.co.za](https://eur02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.srk.co.za%2F&data=04%7C01%7Csmkhize%40srk.co.za%7C7de0351ab18a4f55a0ff08d87b115bc9%7Cc86799ae43604de58ed6fb4d739001eb%7C0%7C0%7C637394661777936954%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0%3D%7C1000&sdata=UdlthB7x0Ru0XBqeQ%2FW5sjkY%2FpJT8p1yxJLyCQVa2QY%3D&reserved=0)

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Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:53
To: Piet Steenkamp; Hein Steenkamp
Cc: Marius Van Huyssteen
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Sirs,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
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- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 17:06
To: Piet Steenkamp <PietStee@karbochem.co.za>; Hein Steenkamp <hein.steenkamp@karbochem.co.za>
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Email: smkhize@srk.co.za

www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:44
To: LeonM@karbochem.co.za
Cc: Marius Van Huyssteen
Subject: RE: Newcastle Energy Notification Letter

Dear Mr. Meyer,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

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Kind regards

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 17:00
To: LeonM@karbochem.co.za
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Email: smkhize@srk.co.za
www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:49
To: 'Leon Vermaak'
Cc: Marius Van Huyssteen
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Mr. Vermaak,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

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- The Draft Scoping Report is still available on the SRK website at the following link:
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Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 17:04
To: 'Leon Vermaak' <LeonVe@karbochem.co.za>
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.

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Tel: +27 (0)31-279-1200; **Fax:** +27 (0)86 2302 939

Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224

Email: smkhize@srk.co.za

www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:20
To: nothilem@amajuba.gov.za
Cc: Marius Van Huyssteen
Subject: Draft Scoping Report: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Ms. Mthimkhulu,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
- <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 16:28
To: nothilem@amajuba.gov.za
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224

Email: smkhize@srk.co.za

www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:37
To: mayor@newcastle.gov.za
Cc: Marius Van Huyssteen
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Mr. Mayor,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
 - <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 16:45
To: mayor@newcastle.gov.za
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Email: smkhize@srk.co.za

www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:42
To: mm@newcastle.gov.za
Cc: Marius Van Huyssteen
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Mr. Mayor,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
 - <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Tel: +27 (0)31-279-1200; **Fax:** +27 (0)86 2302 939
Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 16:53
To: errol.mswane@newcastle.gov.za; mm@newcastle.gov.za
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.

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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224

Email: smkhize@srk.co.za

www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:18
To: Siya.Zuma@Newcastle.gov.za
Cc: Marius Van Huyssteen
Subject: Draft Scoping Report: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Mr. Zuma

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
- <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.
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54 Norfolk Terrace, Off Blair Atholl Drive, Westville, 3630
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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 16:21
To: Siya.Zuma@Newcastle.gov.za
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.
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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 14:08
To: SithebeP6@gmail.com
Cc: Marius Van Huyssteen
Subject: EIA Application Reference No. 14/12/16/3/3/2/2031. I&P registration - Concerned Environmental Sustainability Group
Attachments: 566508_Newcastle_Gas_Engine_Power_Plant_100MW_DSR_Final-20201019.pdf

Dear Mr. Percy Sithebe,

Thank you for call and interest in registering as Interested & Affected Party (I&AP) for the proposed Newcastle Energy Gas Engine Power Plant. I have taken a closer look at the link in the published advertisement which you responded to and it seems to be functioning on my end. As requested, I have also attached the Draft Scoping report in this email for your perusal. Kindly note that the commenting period has been extended to 30 November 2020. Feel free to contact me with any comments or queries.

Thank you and kind regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 04 November 2020 16:25
To: thabisile43@gmail.com
Cc: Marius Van Huyssteen
Subject: Draft Scoping Report: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Ms. Mkhwanazi

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Further to the email below and the notification letter that was attached to it (20 October 2020), please be advised of the following:

- The public commenting period for the Draft Scoping Report for the proposed NGEPP project has been extended to 30 November 2020.
- The Draft Scoping Report is still available on the SRK website at the following link:
 - <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>
- The Department of Environment, Forestry and Fisheries (DEFF) have issued the following reference number for this Environmental Authorisation Application process: 14/12/16/3/3/2/2031.

Should you have any queries or wish to comment on the project, please do not hesitate to contact me (details below).

Kind regards

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.
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54 Norfolk Terrace, Off Blair Atholl Drive, Westville, 3630
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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: Siphelele Mkhize
Sent: Tuesday, 20 October 2020 16:33
To: 'thabisile43@gmail.com' <thabisile43@gmail.com>
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Newcastle Energy Notification Letter

Dear Stakeholder

Please find attached Notification Letter which provides details of the availability of the Draft Scoping Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.

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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224

Email: smkhize@srk.co.za

www.srk.co.za

Siphelele Mkhize

From: Marius Van Huyssteen
Sent: Friday, 27 November 2020 15:01
To: Sindiswa Dlomo
Cc: Thulisile Nyalunga; Lydia Kutu; Siphelele Mkhize
Subject: RE: 14/12/16/3/3/2/2031 - Comments on Draft SR

Good afternoon Sindi,

The Departments letter is received. Thank you.

We will address and respond accordingly.

Kind regards

Marius

Marius van Huyssteen
Principal Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.

Norfolk House, 54 Norfolk Terrace
Westville, 3630, South Africa

Tel: +27-(0) 31 279-1200; **Fax:** +27-(0) 31 279 1204

Mobile: +27-(0) 82 574 6437; **Direct:** +27-(0) 31 279-1230

Email: mvanhuyssteen@srk.co.za

From: Sindiswa Dlomo <SDlomo@environment.gov.za>
Sent: Friday, 27 November 2020 13:51
To: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Cc: Thulisile Nyalunga <TNyalunga@environment.gov.za>; Lydia Kutu <LKutu@environment.gov.za>
Subject: 14/12/16/3/3/2/2031 - Comments on Draft SR

EXTERNAL

Afternoon Marius,

Please find attached.

Regards,
Sindi
[Home]

Disclaimer

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Siphelele Mkhize

From: Poovie Moodley <Poovie.Moodley@kznedtea.gov.za>
Sent: Tuesday, 01 December 2020 15:23
To: Siphelele Mkhize; Marius Van Huyssteen
Cc: Marius Van Huyssteen
Subject: RE: Draft Scoping Report: EDTEA Newcastle Comments - Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Attachments: signed comment letter Newcastle gas engine SR.pdf

EXTERNAL

Good day

Please find attached signed comments, if you did not already receive it.

Regards

From: Siphelele Mkhize [mailto:SMkhize@srk.co.za]
Sent: Tuesday, 01 December 2020 11:30
To: Marius Van Huyssteen
Cc: Poovie Moodley; Marius Van Huyssteen
Subject: Draft Scoping Report: EDTEA Newcastle Comments - Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Good day Mr. Ngcobo,

Draft Scoping Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)

Thank you for the call. As discussed, kindly forward the final consolidated comments from your department to this email address at your earliest convenience.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.
Section A, 2nd Floor, Norfolk House
54 Norfolk Terrace, Off Blair Atholl Drive, Westville, 3630
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Siphelele Mkhize

From: Siphelele Mkhize
Sent: Wednesday, 02 December 2020 13:33
To: shogolee@caa.co.za
Cc: Marius Van Huyssteen
Subject: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DEFF Ref.: 14/12/16/3/3/2/2031)
Attachments: 566508_Newcastle_Gas_Engine_Power_Plant_100MW_DSR_Final-20201019.pdf

Good day Evelyn,

Thank you for the call. As discussed, SRK Consulting (South Africa) (Pty) Ltd. (SRK) has been appointed by Newcastle Energy (Pty) Ltd. to undertake an application for Environmental Authorisation for the Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer (IPP) Project in Newcastle, KwaZulu-Natal. Newcastle Energy own an existing 18.5 MW capacity gas fired co-generation plant within the Karbochem Industrial Complex in Newcastle, for which they are proposing to increase its electricity generation capacity, within the same site, to approximately 100 MW.

The proposed project is subject to the following:

- A Scoping and Environmental Impact Assessment (EIA) process in terms of the 2014 EIA Regulations, as amended, as promulgated under the National Environmental Management Act (No. 107 of 1998) (NEMA).
- An application for an Atmospheric Emissions Licence (AEL) in terms of the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), for listed activity Subcategory 1.4 "Gas combustion installations".

The site falls within the prescribed radius of 8km of the Newcastle Municipal Airport and as such, we're hoping to solicit guidance from the Civil Aviation Authority with regard to any requirements to satisfy. I have attached the Draft Scoping Report for your perusal, which you can also find at the following link: <https://docs.srk.co.za/en/za-newcastle-gas-engine-power-plant-100-mw-ipp-project-scoping-eia>. The Final Scoping Report is in the process of being prepared will be published in the coming weeks for which and we will ensure that you receive a copy as well as future opportunities to participate in the process.

We look forward to your feedback.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Section A, 2nd Floor, Norfolk House
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Mobile: +27 (0)79 082 2685; **Direct:** +27 (0)31 279 3224
Email: smkhize@srk.co.za
www.srk.co.za

From: [Edward Mahosi](#)
To: [Durban](#)
Cc: [Marius Van Huyssteen](#); [Siphelele Mkhize](#)
Subject: Re: Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant 100 MW
Date: Monday, 31 May 2021 10:39:47
Attachments: [Air Quality Inputs.pdf](#)

EXTERNAL

Good day,

Kindly find attached Air Quality Inputs from Department of Forestry; Fisheries and Environment's Air Quality Authorisation Directive.

You may ignore this letter if you have already received it.

Regards,
Edward Oupa Mahosi
(012) 399 9438 or 081 255 7794

Disclaimer

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forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 9000, Fax: + 27 86 625 1042

Enquiries: Mr Edward Mahosi
Tel: 012 399 9800/ Email: EMahosi@environment.gov.za

Mr Sipehele Mkhize
Environmental Scientist
SRK CONSULTING
P O Box 1969
WESTVILLE
3630

Tel : (031) 279 1200
Email : durban@srk.co.za

Dear Mr Mkhize

AIR QUALITY COMMENTS ON THE DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE PROPOSED DEVELOPMENT OF THE 100MW GAS-TO-POWER PLANT IN NEWCASTLE, KWAZULU NATAL PROVINCE.

I refer to the letter dated 28 April 2021: Draft Environmental Impact Report for the proposed development of the 100mw Gas-to-Power Plant in Newcastle, KwaZulu Natal Province dated April 2021 and Draft Atmospheric Impact Report dated April 2021.

1. PURPOSE

- 1.1 The purpose of this letter is for the Chief Directorate: Air Quality Management to provide technical air quality management related comments to the above mentioned report.

2. COMMENTS

2.1 Process

- 2.1.1 The report includes process description; overview of the technology; block and plant layout for the proposed project activities. However, there is no description or diagram for the process flow. This must be included in the final Atmospheric Impact Report (AIR).

2.2 Triggered S21 listed activities

- 2.2.1 The report does not indicate listed activities to be triggered by the proposed activities. This must be included in the final EIR and/or AIR.



From: [Shahil Singh](#)
To: [Siphelele Mkhize](#)
Cc: [Laurence Short](#)
Subject: FW: Message from KM_C458
Date: Thursday, 03 June 2021 11:52:46
Attachments: [SKM_C45821060312150.pdf](#)

EXTERNAL

Good day,

Attached please find municipality's comments.

Kind regards
Shahil Singh

2.3 Atmospheric Impact Assessment

- 2.3.1 Table 13-1 refers to Draft Atmospheric Impact Report for Proposed Gas-to-Power Plant in Newcastle, South Africa (Appendix G-1). The Department of Forestry, Fisheries and Environment (herein after to be referred as "the Department") will only assess and make inputs on the final AIR and not on the draft AIR.
- 2.3.2 Kindly note that the AIR must be compiled in line with the Regulation No.747 of 11 October 2013, issued in terms of the Air Quality Act.

2.4 Air Quality Dispersion Modelling

- 2.4.1 Air Quality Dispersion Modelling to be included in the AIR must be in accordance with the Code of Practice attached in the Regulations Regarding Air Dispersion Modelling, 2014, No. 37804 Government Gazette, 11 JULY 2014.

3. COMPLIANCE

- 3.1 New plants must comply with the new plant minimum emission standards as contained in part 3 of the Air Quality Act upon commencement of the listed activities.
- 3.2 Compliance with the national dust control regulations, 2013 in terms of section 32 of the National Environmental Management: Air Quality Act, 2004 (Act No.39 of 2004), is also required.

4. CONCLUSION

- 4.1 The Chief Directorate Air Quality Management has not been able to adequately assess the proposed project activities and provide air quality technical inputs because of the absence of a detailed and finalized AIR.
- 4.2 The Department reserves the right to request more/additional information during processing of the Atmospheric Emission Licence application.

Should you wish to correspond further on this matter kindly quote subject of the letter. Enquiries may be directed to the contact information provided at the top of this correspondence.

Yours sincerely



Ms Nompundo Tshabalala
Director-General
Department of Forestry, Fisheries and the Environment
Letter signed by: Mr Derrick Makhubele
Designation: Director: Air Quality Authorisation
Date: 28/05/2021

From: [Shahil Singh](#)
To: [Siphelele Mkhize](#)
Cc: [Laurence Short](#)
Subject: FW: Message from KM_C458
Date: Thursday, 03 June 2021 11:52:46
Attachments: [SKM_C45821060312150.pdf](#)

EXTERNAL

Good day,

Attached please find municipality's comments.

Kind regards
Shahil Singh



NEWCASTLE KWAZULU NATAL

My Verw: TP 13/4/2/1
My Ref:

Munisipaliteit: Privaatsak X6621
Municipality: Private Bag X6621
Newcastle
2940

Navrae: S. Singh
Enquiries:

Tel (034) 328 7600
Fax (034) 312 1570

Tel: 034 328 3300
Fax: 034 328 3493

01 June 2021

Email address: townplanning@newcastle.gov.za

SKR Consulting
Via Email

Dear Sir/Madam

DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE PROPOSED NEWCASTLE GAS ENGINE POWER PLAN 100MW INDEPENDENT POWER PRODUCER PROJECT

Reference is made to the abovementioned matter. Massage

Please be advised that the Newcastle Municipality scrutinized all documents including the plans and maps provide and the following was noted:

- Erf 15618 Newcastle, that is zoned as "General Industrial" according to the Newcastle Town planning Scheme;
- The property is developed and various industrial activities are in operation;
- The portion in question was historically been used for electrical generation, and the proposal entails the demolition of the current electrical generation infrastructure and its replacement with a new gas engine power plant;

This directorate does not have any objection to the proposal subject to the following conditions:

- That the owner/developer must abide by all conditions/recommendations/regulations that emerges from the environmental authorization process;
- That the owner/developer abide to all recommendations from specialist studies conducted as part of the Environmental Authorization;
- That building plans must be submitted for the approval of the SED: Development Planning and Human Settlements;
- Municipal approval and or support for the proposal is subject to the approval of the Civil Aviation Authority (CAA) as the Newcastle airport is within a close proximity to the proposed stacks (Chimney);
- That any expansion and/or changes is subject to the municipalities further approval/endorsement;

Yours faithfully

.....
N. KHATHIDE
ACTING SED DEVELOPMENT PLANNING
& HUMAN SETTLEMENTS

From: Siphelele Mkhize
To: kobusj@africanamines.com
Cc: Marius Van Huyssteen
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:30:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Africa_Mines.pdf](#)

Dear Mr. Jansen,

**Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP)
100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.:
14/12/16/3/3/2/2031)**

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



SRK Consulting (South Africa) (Pty) Ltd.

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Email: smkhize@srk.co.za

www.srk.co.za

From: [Bernadet](#)
To: [Siphelele Mkhize](#)
Subject: RE: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Thursday, 29 April 2021 14:03:33
Attachments: [image001.png](#)
[Application-form-J-Developments.pdf](#)

EXTERNAL

Thank you for notifying us. Please fill in and submit the attached Form J together with the documents for review and comment as per guidelines on the form.

Kind regards

Bernadet Pawandiwa
Senior Heritage Officer

Archaeology Research and Compliance/Permits

KwaZulu –Natal Amafa and Research Institute

Like many things in life, your compassion is a skill that can be exercised. Simeon Lindstrom



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From: Siphelele Mkhize <SMkhize@srk.co.za>
Sent: Wednesday, 28 April 2021 20:38
To: bernadetp@amafapmb.co.za
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)

Dear Mrs. Pawandiwa,

**Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP)
100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.:
14/12/16/3/3/2/2031)**

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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EDIT

Newcastle Gas Engine Power Plant

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CaseHeader [LocationInfo](#) [Admin](#) [Images](#)

Status: On Agenda

HeritageAuthority(s): Amafa

Case Type: Section 38 (8) - Statutory Comment Required

ProposalDescription:

Newcastle Energy (Pty) Ltd. (Newcastle Energy), a subsidiary of Vutomi Energy (Pty) Ltd. (Vutomi), owns an 18.5 megawatt (MW) capacity gas-fired cogeneration (steam and power) plant within the Karbochem Industrial Complex in Newcastle, KwaZulu-Natal. Through the Newcastle Gas Engine Power Plant (NGEPP) Independent Power Producer (IPP) project, Newcastle Energy proposes to increase its electricity generation capacity to approximately 100 MW

Expanded_Motivation:

The development is within an brownfields site that is currently zoned for the same purposes as the proposed development.

ApplicationDate: Friday, April 30, 2021 - 10:54

CaseID: 16381

Applicants: SRK Consulting KZN

Consultants/Experts: Siphelele Mkhize

OtherReferences:

ReferenceList:

AdditionalDocuments

1.  [Landowner Consent](#)
2.  [Application Form J](#)

Caselmages



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From: [Siphelele Mkhize](#)
To: musan@amajuba.gov.za; sipho@amajuba.gov.za
Cc: [Marius Van Huyssteen](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:34:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Amaiuba_District_Mayor_and_Manager.pdf](#)

Dear Stakeholder,

Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.: 14/12/16/3/3/2/2031)

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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www.srk.co.za

From: [Siphelele Mkhize](#)
To: [Siva Reddy](#); [Dawie Van Der Merwe](#)
Cc: [Marius Van Huyssteen](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:27:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Brother_CISA.pdf](#)

Dear Stakeholder,

**Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP)
100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.:
14/12/16/3/3/2/2031)**

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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Email: smkhize@srk.co.za
www.srk.co.za

From: [Siphelele Mkhize](#)
To: [Thulisile Nyalunga](#); [Sindiswa Dlomo](#); [Fiona Grimett](#); [Edward Mahosi](#); SMancotywa@environment.gov.za; [Jongikhaya Witi](#)
Cc: [Marius Van Huyssteen](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 18:36:00
Attachments: [566508-NGEPP_IAP_Notification_Letter-Template-20210428_DFFE.pdf](#)

Dear Stakeholder,

Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.: 14/12/16/3/3/2/2031)

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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From: [Siphelele Mkhize](#)
To: [Makwabasa Ntombethu \(DBN\)](#); mokoenan@dws.gov.za
Cc: [Marius Van Huyssteen](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:12:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Department_of_Water_and_Sanitation.pdf](#)

Dear Stakeholder,

**Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP)
100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.:
14/12/16/3/3/2/2031)**

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

A hard copy of the report will be delivered by Friday, 30 April 2021.

Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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From: [Siphelele Mkhize](#)
To: "[Hein Steenkamp](#)"; "[Piet Steenkamp](#)"; "[Leon Vermaak](#)"; "[Leon Vermaak](#)"
Cc: [Marius Van Huyssteen](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:25:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Karbochem.pdf](#)

Dear Stakeholder,

**Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP)
100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.:
14/12/16/3/3/2/2031)**

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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From: [Siphelele Mkhize](#)
To: Siya.Zuma@Newcastle.gov.za
Cc: [Marius Van Huyssteen](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:16:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Newcastle_Environmental_Officer.pdf](#)

Dear Mr. Zuma,

Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.: 14/12/16/3/3/2/2031)

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Email: smkhize@srk.co.za

www.srk.co.za

From: [Siphelele Mkhize](#)
To: mayor@newcastle.gov.za; mm@newcastle.gov.za
Cc: [Marius Van Huyssteen](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:21:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Newcastle_Mavor_and_Manager.pdf](#)

Dear Mr. Ntuthuko Mahlaba and Mr. Kebone Masange,

**Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP)
100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.:
14/12/16/3/3/2/2031)**

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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Email: smkhize@srk.co.za

www.srk.co.za

From: [Siphelele Mkhize](#)
Cc: [Marius Van Huyssteen](#)
Bcc: snips.birdpark@gmail.com; siphoselizweguestlodge@gmail.com; SithebeP6@gmail.com; eia@g7energies.com; [Veronique Fyfe](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:43:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Interested&AffectedParties.pdf](#)

Dear Stakeholder,

Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.: 14/12/16/3/3/2/2031)

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Regards,

Siphelele Mkhize *BSc. Hons.*

Environmental Scientist



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www.srk.co.za

From: [John Geeringh](#)
To: [Siphelele Mkhize](#)
Subject: RE: Proposed Newcastle Gas Engine Power Plant, Draft EIR (Ref.: 14/12/16/3/3/2/2031)
Date: Friday, 14 May 2021 09:44:54

EXTERNAL

Thank you for the information supplied.

It seems that this development will not have a direct impact on any Eskom Transmission servitudes and infrastructure from the information supplied by you. Please keep me informed regarding the process and keep me on the IAP list.

Kind regards

John Geeringh (Pr Sci Nat)(EAPASA)
Senior Consultant Environmental Management
Land and Rights
Eskom Transmission Division
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.
P O Box 1091, Johannesburg, 2000.
Tel: 011 516 7233
Cell: 083 632 7663
Fax: 086 661 4064
E-mail: john.geeringh@eskom.co.za

From: Siphelele Mkhize <SMkhize@srk.co.za>
Sent: Thursday, 13 May 2021 21:22
To: John Geeringh <GeerinJH@eskom.co.za>
Subject: RE: Proposed Newcastle Gas Engine Power Plant, Draft EIR (Ref.: 14/12/16/3/3/2/2031)

Dear Mr. Geeringh,

Thank you for your comments. We have added you to the I&AP database and will continue to update you as the Scoping & Environmental Impact Reporting process progresses. The Department of Fisheries, Forestry and the Environment (DEFFE) requested in the acceptance of the Scoping Report that we provide Eskom an opportunity to comment on the EIR. Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project. I have also attached the KMZ file of the proposed development footprint.

Should you have any queries or wish to discuss anything further, please do not hesitate to contact me.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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From: John Geeringh <GeerinJH@eskom.co.za>
Sent: Tuesday, 11 May 2021 17:01
To: Siphелеle Mkhize <SMkhize@srk.co.za>
Cc: Marius Van Huyssteen <MVanHuyssteen@srk.co.za>
Subject: Proposed Newcastle Gas Engine Power Plant, Draft EIR (Ref.: 14/12/16/3/3/2/2031)

EXTERNAL

I have been the IPP contact for Transmission for the past 7 years and have previously received communication from SRK on projects. Please put me directly on your IAP list for any IPP or other generation projects outside of Eskom. Please send me the project notification / BID document for the above project so that I can keep it on my register and keep track of the project. Please send me a KMZ file of the affected property and proposed development footprint so that it can be checked against Eskom Transmission projects and servitudes.

Kind regards

John Geeringh (Pr Sci Nat)(EAPASA)
Senior Consultant Environmental Management
Land and Rights
Eskom Transmission Division
Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton.
P O Box 1091, Johannesburg, 2000.
Tel: 011 516 7233
Cell: 083 632 7663
Fax: 086 661 4064
E-mail: john.geeringh@eskom.co.za



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From: [Siphelele Mkhize](#)
To: [Lizell Stroh](#); [Evelyn Shogole](#)
Cc: [Marius Van Huyssteen](#)
Subject: Proposed NGEPP, Newcastle (Ref.: 14/12/16/3/3/2/2031)
Date: Wednesday, 28 April 2021 20:23:00
Attachments: [566508_NGEPP_IAP_Notification_Letter_20210428_Civil_Aviation_Authority.pdf](#)

Dear Stakeholder,

Draft Environmental Impact Report: Proposed Newcastle Gas Engine Power Plant (NGEPP) 100 MW Independent Power Producer Project, Newcastle, KwaZulu-Natal (DFFE Ref.: 14/12/16/3/3/2/2031)

Please find attached Notification Letter which provides details of the availability of the Draft Environmental Impact Report for the proposed Newcastle Gas Engine Power Plant 100MW Independent Power Producer Project.

Kind Regards,

Siphelele Mkhize *BSc. Hons.*
Environmental Scientist



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