

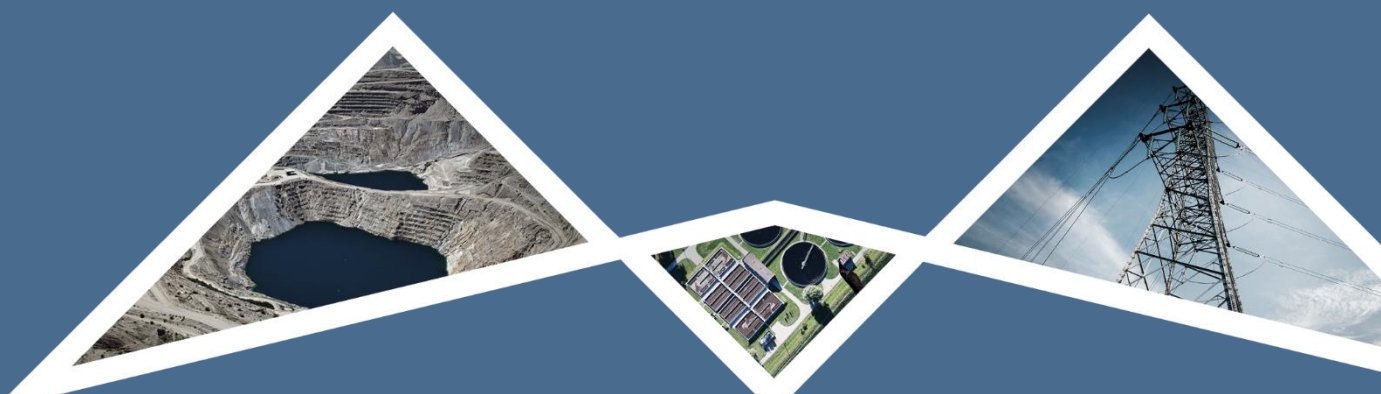


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PUBLIC PARTICIPATION REPORT

KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT





DOCUMENT DETAILS

EIMS REFERENCE: 1607

DOCUMENT TITLE: Public Participation Report for the Kelvin Power Station Combined Cycle Gas Turbine Plant Project

DOCUMENT CONTROL

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COMPILED:	Jolene Webber	Sent Electronically	2024/08/14
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REVISION AND AMENDMENTS

REVISION DATE:	REV #	DESCRIPTION
2024/03/13	ORIGINAL DOCUMENT	PPR for Scoping Report public review and comment
2024/04/24	REVISION 1	PPR for Final Scoping Report submission
2024/08/14	REVISION 2	PPR for Draft EIA Report public review and comment

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Abbreviation List:

CCGT	Combined Cycle Gas Turbine
DALRRD	Department of Agriculture, Land Reform & Rural Development
DWS	Department of Water and Sanitation
EA	Environmental Authorisation
EIA	Environmental Impact Assessment
EMPr	Environmental Management Programme
I&AP	Interested and Affected Party
NEMA	National Environmental Management Act
NEM:AQA	National Environmental Management: Air Quality Act
NEM:WA	National Environmental Management: Waste Act
PPP	Public Participation Process
PPR	Public Participation Report
SACAA	South African Civil Aviation Authority
SAHRA	South African Heritage Resources Agency
WUL	Water Use Licence



1 INTRODUCTION

Kelvin Power (Pty) Ltd ("Kelvin") (hereafter referred to as the applicant) has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of application for:

- Environmental Authorisation (EA) in accordance with the National Environmental Management Act.
- Atmospheric Emissions Licence in accordance with the requirements of the National Environmental Management: Air Quality Act- NEM:AQA (Act 39 of 2004).
- Water Use Licence (WUL) in accordance with the National Water Act – NWA (Act 36 of 1998) .

The applicant wishes to develop a Combined Cycle Gas Turbine (CCGT) Power Plant at the Kelvin Power Station. The net output will be approximately 600 megawatts. The CCGT Power Plant will comprise of gas turbines, a heat recovery boiler and a steam turbine. The main structures comprising the plant include a gas turbine building, steam turbine building, water treatment plant, heat recovery steam generator, mechanical draft cooling tower, EHV substation, exhaust stack, auxiliary buildings and administration buildings. Other possible infrastructure includes additional water and treated sewage wastewater supply pipelines, as well as electricity transmission lines to the CityPower Sebenza substation adjacent to the power station.

The proposed project is located on Zuurfontein Farm 33-IR portion 391 R/E, Ekurhuleni Metropolitan Municipality, Gauteng Province. The site is approximately 4km West South West of Kempton Park CBD. The centre point of the site is approximately 26° 6'45.84"S, 28°11'36.42"E.

2 OBJECTIVES OF THE PUBLIC PARTICIPATION

South Africa, being one of the countries with the most progressive constitutions, enshrined the public's right to be involved in decisions that may affect them in its Constitution. Section 57(1) of the new Constitution that provides: "*The National Assembly may (b) make rules and orders concerning its business, with due regard to representative and participatory democracy, accountability, transparency and public involvement*". This provision, along with several others gave rise to many new trends in South African legislation. In environmental legislation, the idea of public participation (or stakeholder engagement) features strongly and especially the National Environmental Management Act (Act 107 of 1998, NEMA) and the recent regulations passed under the auspices of this Act makes very strict provisions for public participation in environmental decision-making.

Public participation can be defined as..."*a process leading to a joint effort by stakeholders, technical specialists, the authorities and the proponent who work together to produce better decisions than if they had acted independently*"¹. From this definition, it can be seen that the input of the public is regarded as very important indeed.

The Public Participation Process (PPP) is designed to provide sufficient and accessible information to Interested and Affected Parties (I&APs) in an objective manner to assist them to:

During the Environmental Impact Assessment Process:

- Verify that their issues have been recorded;
- Comment on the findings of the environmental assessments; and
- Provide relevant local information and knowledge to the environmental assessment.

¹ Greyling, T. (1999) Towards Managing Environmental Disputes: Appropriate Public Participation. Prepared for Conference on Environmental Dispute Resolution 10-11 June 1998, Fourways, Gauteng, Manyaka Greyling Meiring (Pty) Ltd, South Africa



The PPP is a requirement of several pieces of South African Legislation and aims to ensure that all relevant I&APs are consulted, involved and their opinions are taken into account and a record included in the reports submitted to Authorities. The process ensures that all stakeholders are provided this opportunity as part of a transparent process which allows for a robust and comprehensive environmental study. The PPP for the necessary authorisation required for the project needs to be managed sensitively and according to best practises in order to ensure and promote:

- Compliance with international best practice options;
- Compliance with national legislation;
- Establishment and management of relationships with key stakeholder groups; and
- Encouragement of involvement and participation in the environmental study and authorisation/approval process.

As such, the purpose of the PPP and stakeholder engagement process is to:

- Introduce the proposed project and process for the authorisation project;
- Explain the environmental authorisation;
- Determine and record issues, concerns, suggestions, and objections to the project;
- Provide opportunity for input and gathering of local knowledge;
- Establish and formalise lines of communication between the I&APs and the project team;
- Identify all significant issues for the project; and
- Identify possible mitigation measures or environmental management plans to minimise and/or prevent negative environmental impacts and maximise and/or promote positive environmental impacts associated with the project.

This Public Participation Report (PPR) lists all verbal and written issues raised by I&APs during the call to register period from the 14th of February 2024 to date. A breakdown of the PPP is given within the remaining sections of this PPR.

2.1 LEGAL COMPLIANCE

The PPP must comply with all environmental legislation that requires public participation as part of an application for authorisation or approval; namely, the National Environmental Management Act (NEMA, Act No. 107 of 1998).

Adherence to the requirements of the above-mentioned Act will allow for an Integrated PPP to be conducted, and in so doing, satisfy the requirements for public participation referenced in the Act. The details of the Integrated PPP are provided below.

3 IDENTIFICATION OF INTERESTED AND AFFECTED PARTIES (I&APS)

An initial I&AP database has been compiled from historic projects in the area and Windeed searches to obtain the contact details of the surrounding landowners. The I&APs referred to in the PPR include:

- Pre-identified and registered landowners and surrounding landowners;
- Pre-identified and registered key stakeholders;
- Regulatory authorities;



- Specialist interest groups; and
- All I&APs who responded to the initial notifications and requested to be registered.

Efforts to pre-identify key I&APs involved various avenues such as consultation with the proponent and known landowners within the study area, review of related previously conducted studies, and identification of key interest groups and authorities within the vicinity of the study area and municipality. Refer to Appendix C1 for the Key Stakeholder/I&AP Database.

3.1 LIST OF ORGANS OF STATE IDENTIFIED AND NOTIFIED

The following key I&APs, but not limited to, were notified of the proposed project and invited to participate in the public participation process:

- City of Ekurhuleni Metropolitan Municipality
- City of Johannesburg
- City Power
- Department of Employment & Labour
- Department of Public Works, Roads and Transport (DPWR) (National)
- Department of Road and Transport
- Eskom
- Gauteng Department of Agriculture and Rural Development
- Gauteng Department of Co-operative Governance and Traditional Affairs
- Gauteng Department of Economic Development
- Gauteng Department of Human Settlements
- Gauteng Department of Roads and Transport
- Gauteng Department of Social Development
- Gauteng Provincial Government
- Gauteng Provincial Government - Department of Community Safety
- Gauteng Provincial Government - Department of Health
- Gauteng Provincial Government - Department of Infrastructure Development
- Gauteng Provincial Government - Department of Roads and Transport
- Gauteng Provincial Government - Department of Sport, Arts, Culture and Recreation
- Gauteng Tourism Authority
- Gauteng Wetland Forum
- National Department Of Agriculture, Land Reform And Rural Development
- National Department of Forestry, Fisheries and Environment (DFFE)
- National Department of Human Settlements
- National Department of Mineral Resources & Energy (DMRE)
- National Department of Tourism
- National Department of Transport
- National Department of Water and Sanitation (DWS)
- National Energy Regulator of South Africa (NERSA)
- National House of Traditional Leaders
- Petroleum Agency SA
- PetroSA
- Presidential Climate Commission
- Provincial Heritage Resources Authority Gauteng (PHRAG)
- Rand Water
- South African Civil Aviation Authority



- South African Heritage Resource Agency (SAHRA)
- South African National Parks
- South African National Road Agency (SANRAL)
- Transnet
- Ward councillors

3.2 LIST OF OTHER KEY I&APS IDENTIFIED AND NOTIFIED

- African Conservation Trust
- AfriForum
- Air Products
- Air Traffic and Navigation Service (ATNS)
- Airports Company South Africa (ACSA)
- BirdLife South Africa
- Botanical Society
- Centre for Environmental Rights
- Conservation South Africa (CSA)
- Council for Geoscience
- Earth Life Africa
- Endangered Wildlife Trust
- Federation of Sustainable Environment (FSE)
- Gautrain
- Gautrain Management Agency
- Kelvin Estate Club House
- Kelvin Homeowners Association
- Kelvin Power Station
- Kempton Park Golf Club
- Modderfontein Reserve
- Sasol
- South African National Biodiversity Institute
- The Green Connection
- Wildlife and Environment Society of South Africa (WESSA)

4 NOTIFICATION OF INTERESTED AND AFFECTED PARTIES

This section provides details on the notifications that were distributed as part of the consultation process to date.

4.1 INITIAL NOTIFICATION OF KEY I&APS

The PPP commenced on the 14th of February 2024 with an initial call to register notification. Notification during this initial consultation was given in the manner described below.

4.1.1 FAXES, REGISTERED MAIL AND EMAILS

Notification letters in English and isiZulu were distributed to pre-identified I&APS through either faxes, registered mail and/or emails.

The notification documents included the following information:

- List of anticipated activities to be authorised;
- Sufficient detail of the proposed development to enable I&APs to assess/surmise what impact the development will have on them or on the use of their land;
- The purpose of the proposed project;
- Details of the application processes associated with proposed activities;



- Details of the affected properties;
- Details of the South African environmental legislation that must be adhered to;
- Contact details of the EAP.

Please refer to Appendix C2 for initial notification and proofs.

4.1.2 SITE NOTICE PLACEMENT

Sixteen (16) A1 Correx site notices and one (1) A3 poster (in English and isiZulu) were placed at 17 locations along, and surrounding the perimeter of the proposed project study area on the 14th of February 2024. The on-site notices included the following information:

- Project name;
- Applicant name;
- Project location;
- Map of proposed project area;
- Project description;
- Legislative requirements; and
- Relevant EIMS contact person for the project.

Please refer to Appendix C3 for proof of site notice and site notice distribution.

4.1.3 NEWSPAPER ADVERTISEMENT

Advertisements describing the proposed project and EIA process were placed in newspapers in the vicinity of the study area, namely the Bedfordview and Edenvale News Newspaper (in English) on the 21st of February 2024, as well as the Kempton Express Newspaper (in English and isiZulu) on the 22nd of February 2024. The newspaper adverts included the following information:

- Project name;
- Applicant name;
- Project location;
- Nature of the activity;
- Legislative requirements; and
- Relevant EIMS contact person for the project.

Please refer to Appendix C4 for proof of adverts placed.

4.1.4 PROVINCIAL GOVERNMENT GAZETTE NOTICE

Notices (in English and isiZulu) describing the proposed project and EIA process were placed in the Gauteng Provincial Gazette with publication on the 6th of March 2024. The Gazette notices included the following information:

- Project name;
- Applicant name;
- Project location;



- Nature of the activity;
- Legislative requirements; and
- Relevant EIMS contact person for the project.

Please refer to Appendix C5 for proof of Gazette Notices placed.

4.2 NOTIFICATION OF INTERESTED AND AFFECTED PARTIES OF SCOPING REPORT AVAILABILITY

Notification (in English and isiZulu) regarding the availability of the Draft Scoping Report (DSR) and associated appendices was provided to pre-identified and registered I&APs through either email, fax, and/or registered mail where contact details were available. The notification included details regarding where a hard copy of the report can be accessed. Contact details were provided to I&APs if they require assistance accessing the information or require copies of the report. Additionally, I&APs were invited to attend a planned Public Open Day.

The Draft Scoping Report and associated appendices was made available for public review and comment for a period of 30 days for the Environmental Authorisation (EA) application process at the Kempton Park Library.

Please refer to Appendix C6 for the DSR Availability and Public Open Day notification and proof.

4.2.1 PUBLIC OPEN DAY – SCOPING PHASE

A Public Open Day was held at the Kelvin Estate Club House (Kelvin Estate Club House, Cnr Starling & Cape Wagtail Street, Kelvin Estate, Spartan) on the 3rd of April 2024 from 16:00 to 19:00. I&APs were able to attend the session at any time during the 3-hour timeslot.

Open Day Sessions differ from public meetings in the sense that they do not include any formal presentation. By excluding a formal presentation, more time was allocated to allowing I&APs to engage with the project essentially allowing for a finer evaluation of the project.

All I&APs were asked to sign an attendance register upon entering the hall. Walkthrough tours were conducted during the session where I&APs were guided through various Posters placed around the hall. The facilitators present at the Public Open Day captured comments using comment booklets. I&APs were also provided A4 copies of the posters and comment sheets to fill out should they wish to leave written comments with the facilitators at the Public Open Day. Please refer to Appendix C7 for the Public Meeting Record which includes all comments received during the Public Open Day.

The Posters included the following information:

- Project name;
- Project description;
- Project alternatives;
- Overview of the Scoping and EIA process;
- Project location;
- Map of proposed project area and Preliminary Layout Map;
- Description of the Baseline Environment;
- Preliminary Impact Assessment;
- Plan of Study for EIA;
- Description of the proposed Public Participation Process and information on how to submit comments;



- Relevant EIMS contact person for the project.

Refer to Appendix C7 for the posters, comments and responses and photographic record of the Public Open Day, and Appendix C8 for the Attendance Register.

4.3 NOTIFICATION OF INTERESTED AND AFFECTED PARTIES OF DRAFT EIA REPORT AVAILABILITY

Notification (in English and isiZulu) regarding the availability of the Draft EIA Report (DEIR) and associated appendices will be provided to pre-identified and registered I&APs through either email, fax, and/or registered mail where contact details were available. The notification will include details regarding where a hard copy of the report can be accessed. Contact details will be provided to I&APs should they require assistance accessing the information or require copies of the report. Additionally, I&APs will be invited to attend a planned Public Open Day.

The Draft EIA Report and associated appendices will be made available for public review and comment for a period of 30 days for the Environmental Authorisation (EA) application process at the Kempton Park Library.

4.3.1 PUBLIC OPEN DAY – EIA PHASE

A Public Open Day will be held at the Kelvin Estate Club House (Kelvin Estate Club House, Cnr Starling & Cape Wagtail Street, Kelvin Estate, Spartan) on the 27th of August 2024 from 16:00 to 19:00. I&APs can attend the session at any time during the 3-hour timeslot.

All I&APs will be asked to sign an attendance register upon entering the hall. Walkthrough tours will be conducted during the session where I&APs will be guided through various Posters placed around the hall. The facilitators present at the Public Open Day will capture comments using comment booklets for accurate record-keeping. I&APs will be provided with A4 copies of the posters and comment sheets to fill out should they wish to leave written comments with the facilitators at the Public Open Day.

4.4 SUMMARY OF PUBLIC PARTICIPATION OPPORTUNITIES

The table below provides a summary of the opportunities provided to I&APs for participation in the public participation process to date.

Table 1: Opportunities Provided for Public Participation

PUBLIC PARTICIPATION PHASE			
ACTION	DESCRIPTION	PUBLICATION/PLACE	DATE
Initial Call to Register	Notification of landowners, occupiers, and other key I&APs.	Affected landowners and key I&APs were notified via SMS, email, fax, and/or post.	14 February 2024
	Placement of site notices.	Sixteen (16) A1 site notices and one (1) A3 Poster (in English and isiZulu) were placed around the study area (17 placement locations).	14 February 2024
	Newspaper advertisement	Newspaper advertisements were placed in the Bedfordview and Edenvale News (in English) and the Kempton Express (in English and isiZulu).	21 February 2024 (Bedfordview and Edenvale News) 22 February 2024 (Kempton Express)



PUBLIC PARTICIPATION PHASE			
ACTION	DESCRIPTION	PUBLICATION/PLACE	DATE
	Gazette Notice	Notices (in English and isiZulu) was placed in the Gauteng Provincial Gazette.	6 March 2024
Availability of Scoping Report for Public Review and Comment	Notification of landowners, occupiers, and other key I&APs.	Affected landowners and key I&APs were notified via SMS, email, fax, and/or post. A hard copy of the report was placed at the Kempton Park Library.	15 March 2024 until 17 April 2024
	Public Open Day	A Public Open Day was held at the Kelvin Estate Club House (Kelvin Estate Club House, Cnr Starling & Cape Wagtail Street, Kelvin Estate, Spartan).	3 April 2024 (from 16:00 to 19:00)

5 RECORD OF ISSUES RAISED

Comments on the proposed project were solicited from pre-identified and registered I&APs and key stakeholders. To date the following comments have been received:

- I&AP registrations.
- Requests to be deregistered from the I&AP Database.
- General requests for more information regarding the project.
- Declared interest from nearby residents in the risk assessment and mitigation factors; the health of the stream and catchment; potential impacts on business and the surroundings.
- Comments from I&APs that attended the Public Open Day on the 3rd of April are recorded in the Public Open Day Record – please refer to Appendix C7 for more details.
- An I&AP stated that they have a business that is on a nearby property (within a few hundred meters of the Kelvin Power Station) and that they have 12 full time employees on the premises with several vehicles that use the roads around the Power Station. The I&AP stated that they have comments regarding the project and asked if they should wait for the Public Open Day to voice their comments. The I&AP was informed that they were welcome to provide their comments prior to the Open Day. The I&AP later attended the Public Open Day. Please refer to the Public Open Day Record (Appendix C7) for more details.
 - The above-mentioned I&AP provided comments on the Draft Scoping Report regarding the fact that they have been a nearby property and business owner for 25 years and that they have grown used to the look of the cooling Towers and large brick buildings which house the boilers and compressors. They stated that the structures are an integral part of the heritage



of the area and requested that they be preserved, if possible. The I&AP mentioned that large industrial buildings can be re-purposed (as has been done in South Africa and globally), while still retaining their look and character, and often look better than before. The I&AP requested that the EIA look at ways to achieve their request. The I&AP was informed that the decommissioning of the A-Station site (the current proposed location of the CCGT plant) was approved in a separate, previous application. The I&AP was referred to the various ways in which site location and layout alternatives were addressed and informed that there is limited opportunity to avoid the removal of the A-Station cooling towers. However, the I&AP was informed that the B-Station towers will remain. The I&AP was referred to the previous decommissioning application which undertook a heritage study in which the heritage specialist gave recommendations to mitigate the impacts of the decommissioning and proposed demolition of the A-Station and to preserve the history of Kelvin Power Station and historical electrical power generation.

- Request for shapefiles/KMZ files, locality map and application from Rand Water.
- Confirmation from Rand Water that Rand Water is not affected by the proposal.
- Acknowledgement from the Department of Water and Sanitation (DWS) of receipt of the initial notification.
- Department of Agriculture, Land Reform & Rural Development (DALRRD):
 - Office of the Regional Land Claims Commission – Gauteng Province provided a letter regarding land claims on the property Zuurfontein 33 IR, lodged between 2014 and 2016. Further investigation was undertaken to verify whether there are any existing land claims on the application area's property, portion 391 R/E of Zuurfontein Farm 33-IR. DALRRD indicated that the land claims are on the entire farm (Zuurfontein 33 IR), the claims were submitted by different claimants, and that the exact portion of the farm cannot be determined as the Commission is currently interdicted by the Constitutional Court judgement to not process any claims lodged between 2014 and 2016. DALRRD could not provide claimants' contact details without their consent and indicated that the land claims are lodged against the state and not the land owners. DALRRD stated that under the interdict by the constitutional court, the commission is not allowed to do anything that may be considered as processing the claims on the property since they were lodged between 2014 and 2016.
 - Request from DALRRD for motivation, sketch plan, locality map, title deed and other supporting documentation for the department to process the application. EIMS clarified that the purpose of the notification to DALRRD was not to make an application with DALRRD, rather to inform of the project and provide an opportunity to participate in the Public Participation Process.
- Requests from Eskom to be informed regarding the progress of the application and for KMZ files of the proposed development area.
- Enquiry from Transnet Freight Rail about whether the proposed project would affect Transnet's railway infrastructure. Transnet Freight Rail were provided with KMZ files of the development area and a locality map and were asked to confirm whether Transnet's railway infrastructure would be affected. EIMS has not yet received a response.
- Request from Transnet Pipelines for the Background Information Document.
- Confirmation from Transnet Pipelines that the proposed project does not affect Transnet Pipelines.
- Request from the Ward Councillor and Chair of the Kelvin Homeowner's Association that a presentation be held for the residents to explain the project. An Open Day was held on the 3rd of April 2024.



- Requests for more information about the project:
 - General/ further information about the project
 - Enquiries as to whether the power station belongs to Johannesburg and if there are any benefits for anyone else from the development.
 - Stated interest in the health of the stream and catchment.
 - Enquiries for clarity on what the proposed development means for residents and how they are affected.
 - Enquiries on the potential impact that the proposed development would have on business and the surroundings.
- Job applications/ enquiries regarding opportunities for work.
- Request from SANRAL for a locality map and GPS co-ordinates pertaining to the application.
- DFFE Directorate – Biodiversity Conservation:
 - Acknowledgement of receipt of the Draft Scoping Report availability and Public Open Day notification; assigned case officers and requested shapefiles of the development footprints; requested that all Public Participation Process documents related to Biodiversity EIA review and other Biodiversity EIA queries be submitted to the Directorate: Biodiversity Conservation.
 - Comments on the Draft Scoping Report were provided stating that the Directorate: Biodiversity Conservation does not have any objection to the Draft Scoping Report and the Plan of Study for EIA. The Directorate: Biodiversity Conservation stated that it is essential that impacts on sensitive and highly localised habitats are minimized or avoided all together to ensure the continued persistence of ecosystems and that national conservation targets are achieved. They stated that the EIA report must comply with 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. The comments were acknowledged and the Directorate: Biodiversity Conservation was informed that the EIA report will comply with the procedures for assessment for reporting on the identified environmental themes as per their requirements.
- Acknowledgement from the DWS of receipt of the Draft Scoping Report and Public Open Day notification.
- Request from the City of Ekurhuleni Environmental Resources and Waste Management Department (Compliance Division) for a hardcopy and soft copy (USB) of the report to be sent to their offices. The Draft Scoping Report was couriered to the specified address.
- Request from the South African Heritage Resources Agency (SAHRA) for an application to be made. An application was made and SAHRA were notified. EIMS followed up on the status of the application, SAHRA confirmed that the Case Officer was still in the process of being reviewed and that comments will be provided from SAHRA as soon as possible. To date, no comments have been received from SAHRA regarding the project.
- Communication from an I&AP that they would not be able to attend the Public Open Day and requested the presentation materials and meeting minutes. The I&AP was provided a copy of the posters that were to be used at the Open Day and the comments and responses record was sent to the I&AP once they were available.
- Request from the City of Ekurhuleni Health District to be registered as an I&AP.



- Request from the South African Civil Aviation Authority (SACAA) for an application to be made. SACAA was informed that the applicant will be informed of the request from SACAA and that an application will be made, if required, by the applicant prior to commencement.
- Comments on the Draft Scoping Report were provided by the Department of Forestry, Fisheries and the Environment (DFFE) regarding information that must be included in the Final Scoping Report. Please refer to Appendix C9 and C10 for more detail of the comments received and the response provided.
- Comments on the Draft Scoping Report were provided by LEAP enviro on behalf of JT Group. For more detail on the comments received and response provided, please refer to Appendix C9 and C10. A summary of the comments is provided below:
 - The I&AP stated that the proposal is contradicting the commitment of South Africa to move towards clean energy and away from fossil fuel – stating that the development of new fossil fuel plants may be allowed but should be questioned if it is in contravention of the government's commitment to clean energy.
 - The provisions of the Gauteng Pollution Buffer Zones Guideline (March 2017) must be taken into account in the submission and must consider the prescribed distance that any polluting facility must be located from any residential areas.
 - The I&AP stated that the residential areas have been there for many years and have been subject to the polluting impacts of the Kelvin Power Station for the same period and that “two wrongs do not make a right”.
 - The baseline, ambient air quality studies must be provided, and the current and potential health-related impacts must be indicated. The air quality must look at the historic and future impacts as well.
 - Detailed assessments must be provided of human, bird, and animal impacts as well as potential water and soil pollution.
 - The I&AP stated that research has been conducted and proven that power plants cannot be located inside built-up areas, the potential pollution cannot be mitigated adequately and that the risks to all life forms is too high.
 - The I&AP stated that the Environmental health specialist must be appointed on the specialist team and that it is not sufficient to only investigate the aspects that were identified in the Background Information Document.
 - The I&AP commented that the operational aspects and the storage of large quantities of gas on the premises or the transportation of gas via pipelines or tankers cannot be overshadowed by the construction of the plant. The I&AP stated that the movement corridors and storage facilities must be investigated and the impact assessment cannot be restricted to the site alone; the source of the gas must be provided and the potential impacts at the source must be investigated.
 - The I&AP provided the following comments regarding specialist studies: The Air Quality Assessment must include health impacts; request for the brief that will be provided to the specialist for the Socio-economic Assessment; the Climate Change study must include carbon emissions and the carbon tax that will be paid by the installation; the Noise Assessment must include health impacts; asked if the facility will be located on an existing industrial site and requested the DFFE screening results regarding the Heritage (including palaeontology) Assessment; accepted the Major Hazard Installation (MHI) Assessment.
 - The I&AP stated that the technology that will be used must be provided as well as facilities that have been successfully operating with the same technology – along with the associated



audit reports of those facilities as proof of the claims for the technology proposed for the project.

- The I&AP provided research from Harvard and requested feedback on each fact and claim in the report and how the proposed plant will address potentially similar results from the operations. The report included the following main topics:
 - Potential impacts of using natural gas fuel (CO₂, NO_x emissions, methane, Particulate Matter, SO_x, CO, formaldehyde, ammonia, non-methane hydrocarbons, Ozone).
 - Health consequences of exposure to pollutants such as ammonia, NO_x, PM2.5, that is released from burning gas, such as increased early mortality rates and respiratory illnesses.
 - Concerns and health concerns of stationary emissions sources.
 - Socioeconomic inequalities.
 - Impacts on the Environment and Wildlife through the various stages of construction, operation and maintenance, and decommissioning.
 - History of incidents at gas plants that had impacts on human health and the environment, mostly due to explosions and fires.
- Request from Natural Justice to be registered as an I&AP.
- Request from LEAP enviro for their client (JT Group) to be put in contact with Kelvin management regarding the possibility of linking the Kelvin Power Station CCGT project with a possible development of solar panels on their client's land.
- Request from SANBI to be deregistered from the list of I&APs for the project.
- Enquiry from a researcher regarding an upcoming EIA and whether the Kelvin CCGT Power Station project has had any appeals to the EIA being approved by the competent authority and if the project had received any negative attention. The I&AP was informed that the project is still on-going and in the EIA phase, therefore, no appeals have been made. The I&AP was directed to the Draft Scoping Report for further information.

Please refer to Appendix C7, Appendix C9 and Appendix C10 for comments or issues received.

6 CONCLUSIONS AND RECOMENDATIONS

The comments received during the initial call to register period to date were used to inform the compilation of this PPR. This report will be updated for submission to the competent authority, the Department of Forestry, Fisheries & Environment, following the 30-day public review and comment period,.

APPENDIX C1

INTERSTED AND AFFECTED PARTIES DATABASE

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or popia@eims.co.za

Title	Name	Surname	Company
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Adjacent Landowner

MORSI FAMILY TRUST

D'AGNOLO PROP PTY LTD

D'AGNOLO PROP PTY LTD

Doron

Barnes

ERF 277 SPARTAN EXT 1 PTY LTD

Kelvin Power Pty Ltd

Kelvin Power Pty Ltd

GRADER ROAD HOLDINGS PTY LTD

Irwin Mark

Lipworth

ERF 277 SPARTAN EXT 1 PTY LTD

Kelvin Power Pty Ltd

Eskom Holdings Soc Ltd

Kelvin Power Pty Ltd

City of Johannesburg Metropolitan Municipality

INGWO INV PTY LTD

Y T S TYRE SALES PTY LTD

Title	Name	Surname	Company
			MUN JOHANNESBURG
			NORTH EASTERN TRANSITIONAL METROPOLITAN COUNCIL
			SENGA PROP PTY LTD
			GRADER ROAD HOLDINGS PTY LTD
			REPUBLIC OF SOUTH AFRICA-TPA
			ERROLEX INV PTY LTD
			STAND 401 SPARTAN EXT 3 PTN 1 PTY LTD
			ERROLEX INV PTY LTD
			PROVINCIAL GOVERNMENT OF GAUTENG
			Kelvin Power Pty Ltd
	Natisha		KitKat
	Nicky		Ecomotel
	Christopher	Allan	HAMMON EARTHWORKS & PLANT HIRE PTY LTD
	Stephen Anthony	Botes	REPUTABLE INV PTY LTD
Mr	Bruce	Brook	
	Shalden Deno	Claassen	
	Franco	D Agnolo	D'AGNOLO PROP PTY LTD
	Theunis Daniel	De Bruyn	TROUW NUTRITION SOUTH AFRICA PTY LTD/ ADVIT ANIMAL NUTRITION SOUTH AFRICA PTY LTD
	Theunis Daniel	De Bruyn	TROUW NUTRITION SOUTH AFRICA PTY LTD
	Blessing	Dlamini	
	Glen	Dowie	GRADER ROAD HOLDINGS PTY LTD
	Tim	Edmondson	
Ms	Lynn Anne	Emmanuel	
	Tyron Michael	Evans	
	Robert	Fischer	M B SEC CC
	Derick George	Fletcher	TYJADERLIN PROP CC
	Roger William	Gemmell	Zasebeni Industries CC
	Jackie	Griessel	

Title	Name	Surname	Company
	Mabasa John	Gumbo	
	Christopher	Haripersad	
	Christopher Ellis	Irvine	
	Rodrick Anthony	Jacob	
	Lee David	Jones	M B SEC CC
	Mahomed Haniff Ahmed Aboobaker	Joosab	SUNFLOWER PARK INV PTY LTD
	Errol F.W.V.	Khumalo	
	Teboho Joshua	Lekhoaba	TROUW NUTRITION SOUTH AFRICA PTY LTD/ ADVIT ANIMAL NUTRITION SOUTH AFRICA PTY LTD
	Teboho Joshua	Lekhoaba	TROUW NUTRITION SOUTH AFRICA PTY LTD
	Francesco Carlo	Lombardi	LAURITA INV PTY LTD
	Lauro	Lombardi	LAURITA INV PTY LTD
	Maboko Collins	Mabitsela	
	Kgakishe Maurice	Malapane	
	Leon Clive	Marais	
	Victoria	Masasanya	
	Msutu Enos	Matshani	
	Vincent Itumeleng	Mekwa	
	Jabulile Flora	Mkabela	
	Mike	Mnisi	
	Makgalema Theodorah	Moloto	
	Anwar Hoosen	Moosa	SUNFLOWER PARK INV PTY LTD
	Ashnee	Naidoo	
	Clinton	Naidoo	
	Joash	Naidoo	
	Ntamiseni Maryleng	Nemathaga	
	Mampsane Dolly	Phalane	
	Shaik Omar	Razzak	KAREZ TRADING PTY LTD
	Molly Thokozile	Sithole	
	Gracious Zanele	Tshabalala	
	Mathibe Shadrack	Tstatsi	
	Ferdinand Johann	Van Niekerk	GRADER ROAD HOLDINGS PTY LTD
	Vera Salema	Viera	
	J.C	Visser	
Ms	Janine	Wood	

Title	Name	Surname	Company
	Doron	Barnes	Octolin Prop Pty Ltd
	Irwin Mark	Lipworth	Octolin Prop Pty Ltd
ERF 277 SPARTAN EXT 1 PTY LTD			
Mr	Cedric	du Trevou	EcoMotel Pty Ltd
	Joaquim Cardoso	Lopes	CARLOP PROP PTY LTD
Adjacent Occupier			
			Ndlovu Wire Ropes Pty Ltd
			Sparta Pharmaceuticals
			Exclusive Gravels & Cobbles
			Graniti Tecnica C C
			Structures 2000 (Pty) Ltd
			Carbotec Laboratories (Pty) Ltd
			Marble Classic
			Air Products South Africa (Pty) Ltd
			Barnes Fencing Industries
			Barnes Tubing Industries
			Barnes Reinforcing Industries
			CG Belting
			NDABA Car Wash
			DMJ SAFETY WEAR cc
			Express Auto Wash
			ultra dtech engineering and construction
	Michael	Withers	Atlantic forwarding (SA) (PTY) LTD
			Sharp Auto Parts - Johannesburg
			Engen Spartan Motors
	Glen	Dowie	MES Cranes
			H Truck and Car (Pty) Ltd
Mr	Robert	Couperthwaite	Structures 2000 (Pty) Ltd
Pre-identified			
			Airports Company South Africa (ACSA)

Title	Name	Surname	Company
			Gautrain Management Agency
			South African Civil Aviation Authority
			South African Civil Aviation Authority
Mr	Leslie	Hoy	Randwater
			Kempton Park Golf Club
			Council for Geoscience
			Sasol
			Modderfontein Reserve
			Earth Life Africa
			African Conservation Trust
			Sasol
			Presidential Climate Commission
			Sasol
	Carol		Graniti
	Jeofrey		
	Malapane		Community Member
	Vivian		Barnes Fencing
	Clayton	Abrahams	Community Member
	Linzi	Abrahams	Community Member
	Allan	Bartam	Community Member
	Bennie	Botha	Community Member
	Marilyn	Bourream	Little Squirrel Nursery School
	Mxolisi	Buthelezi	Community Member
	Simon James	Clr Lapping	Kelvin Estate Club House
	Alan	Collinge	Community Member
	Chiara Luisa	Cowley	Villabella
	Gary	De Beer	Community Member
Mr	Francois	Du Toit	African Conservation Trust
	Noreen	Feely	Community Member
	M.	Furman	PJ SAC
	Roger	Gimmel	Ultra Fine Depth Filtration
	Charles	Ineson	Community Member
	Thato	Kgari	Council for Geoscience

Title	Name	Surname	Company
	Bert	Kok	Community Member
	Kerryn	Krige	Community Member
	Matthews	Mabuela	Community Member
	Richard	Madlala	Air Traffic and Navigation Service (ATNS)
	Kenneth	Malinda	Community Member
	Jerifanos	Mangezi	Community Member
	Juliam	Marais	Community Member
	Sibahle	Mbatha	Council for Geoscience
	Tebogo	Mello	Council for Geoscience
	Talent	Mokoena	Sasol Garage
	Milton	Moyo	Community Member
	D.	Ndlovu	Fastel
	Nxumalo	Nomthandazo	Air Products
	Samuel	Nyaungwa	Community Member
	Elvis	Nyembe	Community Member
	Nkosinathi Thompson	Nzimanek	Community Member
	Alexandra	Odnghue	Community Member
	Gareth	Owens	Community Member
	Dawn	Pieterse	Community Member
	Kobus	Pieterse	Community Member
	Trevor	Porter	Community Member
	Yusuf	Raja	
	Tshepiso	Rantile	Community Member
	Refilwe	Shelembe	Council for Geoscience
	Marco	Sibande	Community Member
	S	Sirum	KISMET
Dr	Hanneline	Smit-Robinson	BirdLife South Africa
	Gavin	Stock	Community Member
	Lisel	Stroh	South African Civil Aviation Authority (CAA)
	Sam	Strover	The Parker Store
	Norberto	Terclavers	AECI
	Gary	Thomas	Afriforum Member
	Lesley	Thomas	Afriforum Member
	Donavan	van der Merwe	Community Member
Ms	Martie Janse	Van Rensburg	Council for Geoscience
	Winifred	Whiffler	Community Member
	Nigel	Woodward	Community Member
	W M & M S	Kgole	

Title	Name	Surname	Company
	Stuart James	Millar	
	Dino	Naidoo	
	Graig	Roberts	
	Anton	Sithole	
	Brigid	Harding	
	J M & C	Bowles	
	Hermanus	Oberholzer	
	Freida	Manamela	
	Adrienne Michelle	Pugin	
	Lucas Mogau & Khathutshelo	Maapola	
	Jacqueline	Jacobs (Nee Jones)/Clayton	
	Allan	Smit	
	Wayne	Bruun	
	Ralph	Elizah	
		Bugsy Holdings Trust	Bugsy Holdings Trust
	Hilda	Nienaber	
	Percy Thomas	Mkhwebane	
	Precious	Lethebe	
	Greg & Ciska	De Freitas	
	David	Senama	
	Johannes	Smith	
	Allister	Smith	
	Frans	Sekwakwa	
	Krystal June	Diamond	
	Nhlupheko	Sibanda	
	Ryno	Van Wyk	
	Ueckermann	Wilhelm	
	Sylvam	Naidoo	AECI

Title	Name	Surname	Company
	N.	Govender	PMT South Africa (Pty) Ltd
	Nosisa	Buthelezi	Gautrain
	Johan	Smit	Bombela Concession Company
	Thabo	Motsoasele	Bombela Concession Company
	Pierre	Louw	Bombela Operating Company
	Thapelo	Mndaweni	Bombela Operating Company
	Samuel	Makwe	Gautrain
	Whisky	Mavoni	Gautrain
	Tshisikule	Mutondwa	Gautrain
	Dineo	Kwili	Gautrain
	Lavhelesani	Nelwamondo	Kelvin Power Station
	Oupa	Seopa	Kelvin Power Station
	Busisiwe	Mathabi	Kelvin Power Station
	Excellent	Ubisi	Kelvin Power Station
	Gary	Greeff	
	Betha	Bester	
	Trevor	Porter	
	Roy & Zelda	Bester & Erusmus	
	Kudakwashe	Charandura	
	F G & R B	Bentley	
	Graham	Cheary	
	J D & A R	Kapp	
	Trevor	Mashiloane	
	Rammokana	Sentje	
	Ntsokoroko John	Kekana	
	Tobeane Fredi	Mapaile	
	Sibongile	Masango	
	Henning Johannes	De La Rey	
	Maecellus	Oliphant	Kelvin Power Station
	Joseph	Mondlane	Kelvin Power Station
	Gad	Lambane	Kelvin Power Station
	Lucas	du Bussa	Kelvin Power Station
	Christie	Mann	Kelvin Power Station

Title	Name	Surname	Company
	Maria	Masemola	Kelvin Power Station
	Thompson	Nzimande	Kelvin Power Station
	Christopher	Rangasamy	Kelvin Power Station
	Ewerhardus Johannes Wilhelm Christiaan & Fransina Carolina	Voges	
	Michael & Karyn	Knuyt	
	Sunil Michael	D'Souza	
	Ben	Porter	
	Makhulube Solomon & Busisiwe	Kobe	
	Phillip & Anne	Bishop	
	Willem & Petronella	Spinner	
	Adrienne Michelle	Pugin	
	Desmond John	Muller	
	Jorge	Basilotta	
	Shaun Gary	Mileham	
	Willem	Venter	
	Veronica	Heyneke	
	Anton & Xanthe	Marais	
	Rozette	Sass	
	Elsina Tshameleni	Mahanuke	
	Ellen	Williamson	
	Japie	de Vries	
	Tlou Gladwin & Moitheri Natasha	Seema	
	Johannes	Hattingh	
	Gavin	Stock	
	Tersia	Eustace	
	Sydney & Nomagugu	Moyo	
	Jan	Uys	
	Darren	Butterworth	
	Charles Henry	Johnston	
	Jonathan	Swart	

Title	Name	Surname	Company
	Ian	Do Santos	
	Frank George	Roberts	
	M I & C	Pillay	
		Pheiffer Family Trust	Pheiffer Family Trust
	Tracy	Burke	
	Christina Mantapo	Ramotsabi	
	Rob & Lesli	Oliver	
	Elaine	Kroucamp	
	P D	Molele	
	Gladwin	Masheshe	
		Paulprop (Pty) Ltd	Paulprop (Pty) Ltd
	Pieter	Venter	
	William & Lucinda	Smith	
		Platinum Partnership	Platinum Partnership
		Pope Family Trust	Pope Family Trust
	I J & M C	Kganyago	
	Aaron Bishop & Mpolokeng Vengy	Maruping	
	Milton	Baleni	
	Rachel	Mulaudzi	
	Petrus	Myburgh	
	Perumal	Munsami	
	Rob	Cromb	
	Nolitha & Siyamthanda	Zongo	
	R & M	Harinarian	
	Jacobus Johannes	Smith	
	Kgabo	Mojapelo	
	Wessel Hendrik	Hattingh	
	Jenny	Slabbert	
		Starling Mews Body Corporate	Starling Mews Body Corporate
		Cape Wagtail Mews Body Corporate	Cape Wagtail Mews Body Corporate

Title	Name	Surname	Company
		New Development Stand 883/884	
	Obakeng Daphney	Mantsunyane	
		Wietpro Housing Limited	Wietpro Housing Limited
	Paul	Connell	
	Amanda	Goosen	
	Emsie	Crossley	
	Clayton	Jacobs	
	Christo	Green	
	Mogau	Sethosa	
	Besees	Betha	
	Sandra	Diamond	
	Chiara	Cownley	Rawson Properties Edenglen
	Thomas	Gareth	
	Mariette	Otto	Kempton Express
			The Tembisan
	Neil	Sahadeo	Ekurhuleni - Kempton Park Library
Pre-Identified - Registered			
Ms	Natalie	Koneight	Randwater
	Wayne	Bruun	Chair of KHOA
Dr	Denver	Fredericks	Community Member
Dr	Gwen	Theron	Imbrilix cc t/a LEAP
Mr	Mark Jansen	van Rensburg	Community Member
	Noluthando	Maraqana	Air Products South Africa (Pty) Ltd
Pre-Identified - Registered: NGO			
	Melissa	Groenink	Natural Justice
	David		Natural Justice
Pre-Identified - Registered: Organ of State			
	Tebego	Kgaphola	National Department of Forestry, Fisheries and Environment (DFFE)
Pre-identified: Metropolitan Municipality			
			City of Johannesburg
			City of Johannesburg
			City of Johannesburg
			City of Ekurhuleni - Health and Social Development
	Quta	Athenkosi	Ekurhuleni Metropolitan Municipality
Dr	Jerry	Chaka	City of Ekurhuleni - Health and Social Development

Title	Name	Surname	Company
	Ngobeni	Clerence	Ekurhuleni Metropolitan Municipality
	Zamadiba	Lala	City of Johannesburg
Dr	Imogen	Mashazi	Ekurhuleni Metropolitan Municipality
	Tembeka	Mhleleka	City of Johannesburg
	Tebogo	Modiba	City of Johannesburg
	Thabang	Mokoena	Ekurhuleni Metropolitan Municipality
	Mpho	Molongoana	City of Johannesburg
	Priscilla	Ramonyane	City of Johannesburg
	Shongwe	Samukelo	Ekurhuleni Metropolitan Municipality
	Lerato	Selolo	Ekurhuleni Metropolitan Municipality
	Samukelo	Shongwe	City of Ekurhuleni
	Nokuthula	Thusi	City of Johannesburg
	Mbombo	Yola	Ekurhuleni Metropolitan Municipality
			City of Johannesburg
Clr	Sivuyile	Ngodwana	City of Ekurhuleni
			City of Ekurhuleni - Energy
			City of Ekurhuleni - Energy
			City of Ekurhuleni - Energy
Dr	Imogen	Mashazi	City of Ekurhuleni
	Palesa	Tsita	City of Ekurhuleni - City Planning
	Elsabe	Steyn	City of Ekurhuleni - City Planning
	Sindiswa	Maka	City of Ekurhuleni - City Planning
	Nobuzwe	Soldati	City of Ekurhuleni - City Planning
	Tshepo	Ramokoka	City of Ekurhuleni - City Planning
			City of Ekurhuleni - Economic Development
			City of Ekurhuleni - Environmental Resource & Waste Management
			City of Ekurhuleni - Environmental Resource & Waste Management
			City of Ekurhuleni - Environmental Resource & Waste Management
			City of Ekurhuleni - Environmental Resource & Waste Management
			City of Ekurhuleni - Environmental Resource & Waste Management
			City of Ekurhuleni - Water & Sanitation
			City of Ekurhuleni - Water & Sanitation
			City of Ekurhuleni - Water & Sanitation
			City of Ekurhuleni - Water & Sanitation

Title	Name	Surname	Company
			City of Ekurhuleni - Water & Sanitation
			City of Ekurhuleni - Human Settlements
			City of Ekurhuleni - Human Settlements
			City of Ekurhuleni - Transport, Planning & Provision
			City of Ekurhuleni - Roads & Storm Water
			City of Ekurhuleni - Sport, Recreation, Arts and Culture
			City of Ekurhuleni - Health and Social Development
			City of Ekurhuleni - Health and Social Development
			City of Ekurhuleni - Health and Social Development
Pre-identified: NGO			
			AfriForum
			Centre for Environmental Rights
			Wildlife and Environment Society of South Africa (WESSA)
			The Green Connection
			Endangered Wildlife Trust
Mr	Paul	Bartels	Wildlife and Environment Society of South Africa (WESSA)
Mr	Mark	Botha	Botanical Society
Mrs	Amanda	Bourne	Conservation South Africa (CSA)
	Kish	Chetty	Endangered Wildlife Trust
Ms	Cindy	Cloete	Wildlife and Environment Society of South Africa (WESSA)
Mr	Deon	de Jager	Afriforum
Ms	Yolanda	Friedman	Endangered Wildlife Trust
Ms	Annette	Gibbs	Center for Environmental Rights
	Gabrielle	Knott	Centre for Environmental Rights
Mr	Paul	Lado	Center for Environmental Rights
Mr	Marcus	Pawson	AfriForum
	Allan	Basajjasubi	Natural Justice
	Dean	Palmer	Natural Justice
	Amelia	Heyns	Natural Justice
	Lauren	Nel	Natural Justice
			Natural Justice
			Natural Justice
	Mariette	Liefferink	Federation of Sustainable Environment (FSE)
	A	Dr Berruti	BirdLife South Africa
	Yolan	Freedman	Endangered Wildlife Trust
	Nils	Bjorstad	Wildlife and Environment Society of South Africa (WESSA)
	Malcolm	Suttill	Wildlife and Environment Society of South Africa (WESSA)

Title	Name	Surname	Company
Pre-identified: NPO			
Mr	Andrew	de Blocq	Birdlife South Africa
Dr	Melissa	Lewis	Birdlife South Africa
Ms	Shelly	Lizzio	Endangered Wildlife Trust
Ms	Samantha	Ralston-Paton	Birdlife South Africa
Mr	Ernst	Retief	Birdlife South Africa
	Melissa	Whitecross	Birdlife South Africa
Pre-identified: Organ of State			
Ms	Devinagie	Bendeman	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Leah	Ditshego	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Peter	Lukey	National Department of Forestry, Fisheries and Environment (DFFE)
Dr	Tsepang	Makholela	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Khorommbi	Matibe	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Nonhlanhla	Mkhize	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Ronald	Nenungwi	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Livia	Modiba	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Mohlago Flora	Mokgohloa	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Sydney	Nkosi	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Skumsa	Ntshanga	National Department of Forestry, Fisheries and Environment (DFFE)
			Gauteng Department of Economic Development
	Bulumko	Nelana	Gauteng Department of Economic Development
	Stanley	Luvhengo	Gauteng Department of Human Settlements
	Nomfundo	Ngwenya	Gauteng Department of Human Settlements
	Mbali	Hlophe	Gauteng Department of Social Development
Ms	C	Khanile	Gauteng Provincial Government
Mr	Sunday	Mabaso	Gauteng Provincial Government
Mr	Tebogo	Mashasha	Gauteng Provincial Government
Mr	Seoka	Lekota	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Miriam	Phasha	National Department of Forestry, Fisheries and Environment (DFFE)

Title	Name	Surname	Company
Ms	M.	Skosana	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Millicent	Solomons	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Sabelo	Malaza	National Department of Forestry, Fisheries and Environment (DFFE)
	Keitumetse	Mekgoe	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Patience	Gwaze	National Department of Forestry, Fisheries and Environment (DFFE)
Ms	Aulicia	Maifo	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Tlou	Ramaru	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Maesela	Kekana	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Jongikhaya	Witi	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Sibusiso	Mthembu	National Department of Water and Sanitation
			National Energy Regulator of South Africa (NERSA)
			National Department of Mineral Resources & Energy (DMRE)
			National Department of Transport
			National Department of Transport
			National Department of Human Settlements
			Gauteng Provincial Government - Department of Sport, Arts, Culture and Recreation
			Gauteng Tourism Authority
			City Power
			City Power
			City Power
			South African National Road Agency
			South African National Road Agency
			Gauteng Department of Co-operative Governance and Traditional Affairs
			National Department of Water and Sanitation
			Petroleum Agency SA
			PetroSA
			PetroSA
Mrs	L.	Bosoga	National Department Of Agriculture, Land Reform And Rural Development

Title	Name	Surname	Company
Mr	Kuseni	Dlamini	South African National Parks
	Louw	Du Plessis	Department of Road and Transport
Mr	John	Geeringh	Eskom
Mr	Bradley	Gibbons	Endangered Wildlife Trust
	Mishelle	Govender	National Department of Forestry, Fisheries and Environment (DFFE)
	Thami	Hadebe	Transnet Pipelines
Ms	Natasha	Higgitt	South African Heritage Resource Agency (SAHRA)
Mr	Charles	Hlebela	National Energy Regulator of South Africa (NERSA)
Ms	Alison	Janicke	Endangered Wildlife Trust
Ms	Jeanine	Julies	National Department of Water and Sanitation
Mr	Thabo	Kekana	National Department of Mineral Resources & Energy (DMRE)
Ms	Mapula	Khuduga	National Department of Water and Sanitation
	Mzikayifane	Khumalo	Gauteng Department of Co-operative Governance and Traditional Affairs
Ms	Siphesihle	Khumalo	Department of Employment & Labour
Mr	Werner	Kleynhans	South African Civil Aviation Authority
Ms	Manuela	Lamugio	Gauteng Tourism Authority
	Seoka	Lekota	National Department of Forestry, Fisheries and Environment (DFFE)
Mr	Mandla	Linda	National House of Traditional Leaders
	Diale Josiah	Lodi	Gauteng Department of Co-operative Governance and Traditional Affairs
Dr	Mkhululi	Lukhele	Gauteng Provincial Government
Ms	Melitah	Madiba	Gauteng Provincial Government - Department of Roads and Transport
Mr	Jeffrey	Madingani	Transnet Pipelines
Ms	Nompumelelo	Madlala	National Department of Human Settlements
	Edward	Mahofi	National Department of Forestry, Fisheries and Environment (DFFE)
	Lebogang	Maile	Gauteng Provincial Government - Department of Infrastructure Development
Ms	Yoliswa	Makhasi	Gauteng Provincial Government
Ms	Yoliswa	Makhasi	Gauteng Provincial Government
Mr	Thabo	Makhubedu	National Department of Tourism
	Arnold	Malotana	Gauteng Provincial Government - Department of Health
Ms	Victoria	Maluleke	Department of Employment & Labour
Mr	Makhukhu	Mampuru	Gauteng Provincial Government
	Monama	Manthekeleng	Department of Public Works, Roads and Transport (DPWR) (National)

Title	Name	Surname	Company
Ms	Zanele	Manyathi	Transnet Properties
	Tinyiko	Manyisa	Gauteng Provincial Government - Department of Health
Mr	Tseliso	Maqubela	Gauteng Provincial Government
Mr	Albert	Marumo	Gauteng Provincial Government
Mr	Bismark	Mashau	Gauteng Wetland Forum
	China	Mashinini	Gauteng Provincial Government - Department of Sport, Arts, Culture and Recreation
Ms	Busi	Mashokwe	National Department of Tourism
Mr	Freeman	Masuku	Gauteng Provincial Government - Department of Roads and Transport
Mr	Freeman	Masuku	Gauteng Department of Roads and Transport
Kgosi	Phopolo	Maubane	National House of Traditional Leaders
	Faith	Mazibuko	Gauteng Provincial Government - Department of Community Safety
	Phindile	Mbanjwa	Gauteng Provincial Government
Ms	Thobile	Mbatha	National Department of Mineral Resources & Energy (DMRE)
Dr	Thulani	Mdadane	Gauteng Department of Roads and Transport
Ms	Phumzile	Mdakane	National Department of Water and Sanitation
	Curtis	Meintjies	Eskom
Ms	Thembeni	Mhlongo	Gauteng Provincial Government
	Duxita	Mistry	Gauteng Provincial Government - Department of Community Safety
	Phindile	Mnguni	Transnet Soc Ltd
Ms	Mamabefu	Modipa	National Department of Mineral Resources & Energy (DMRE)
Ms	Buang	Mokate	National Department of Mineral Resources & Energy (DMRE)
	Mmaphuti	Mokobane	Gauteng Provincial Government - Department of Roads and Transport
	Onalenna	Mokoena	Tansnet Freight Rail
Mr	Tshepo	Mokomatsidi	Department of Employment & Labour
Mr	Mathabatha	Mokonyama	National Department of Transport
Adv.	Mmadikeledi	Moloto	National Department of Mineral Resources & Energy (DMRE)
Mr	Given	Mongwe	Tansnet Freight Rail
Ms	Reen	Moodley	Department of Employment & Labour
	Anthony	Moonsamy	Gauteng Department of Co-operative Governance and Traditional Affairs
Ms	Ruth	Morena	Gauteng Department of Roads and Transport

Title	Name	Surname	Company
Mr	Victor	Moreriane	Gauteng Provincial Government - Department of Infrastructure Development
	Tasneem	Motara	Gauteng Department of Economic Development
Mr	Lungile	Motsisi	Eskom Soc Ltd
	Aubrey	Motubatse	Gauteng Provincial Government - Department of Roads and Transport
Ms	Pumla	Ncapayi	Gauteng Provincial Government
	Fundiswa	Ndaba	National Department Of Agriculture, Land Reform And Rural Development
Ms	Hunandi	Ndema	National Department Of Agriculture, Land Reform And Rural Development
Mr	Livhuwani	Ndou	Transnet Soc Ltd
	Mfundo	Ndwandwe	Transnet
Mr	Bethuel	Neteshiswinzhe	Gauteng Provincial Government
	Brenda	Ngcobo	Gauteng Provincial Government - Department of Health
Ms	Dapheny	Ngoasheng	Gauteng Provincial Government
	Patrick	Ngoepe	Gauteng Department of Co-operative Governance and Traditional Affairs
	Steve	Nicholls	Presidential Climate Commission
	Nomantu	Nkomo-Ralehoko	Gauteng Provincial Government - Department of Health
	Machete	Nkosazana	South African Heritage Resource Agency (SAHRA)
	Khanyisa	Nkuna	Gauteng Provincial Government
	Cembi	Noluthando	Provincial Heritage Resources Authority Gauteng (PHRAG)
Mr	Malwande	Nomvalo	National Department of Mineral Resources & Energy (DMRE)
Ms	Michelle	Phenya	National Department of Transport
Ms	Michelle	Phenya	National Department of Transport
Mr	Takalani	Radzilani	Transnet Freight Rail
Ms	Mercy	Ralushai	National Department of Water and Sanitation
Mr	Mooketsa	Ramasodi	National Department Of Agriculture, Land Reform And Rural Development
Mr	Mpho	Ratshisusu	National Department of Water and Sanitation
Ms	Dawn	Robertson	Gauteng Tourism Authority
Mr	Rashid	Seedat	Gauteng Provincial Government
Mr	Jeff	Sehume	Gauteng Provincial Government
	Nontsikelelo	Sisulu	Gauteng Provincial Government - Department of Community Safety
Ms	Doreen	Sithole	National Department Of Agriculture, Land Reform And Rural Development
	Molokomme	Tebogoo	Provincial Heritage Resources Authority Gauteng (PHRAG)

Title	Name	Surname	Company
Ms	Queen	Tsebetsebe	National Department of Mineral Resources & Energy (DMRE)
	Mbongeni	Tshabalala	Department of Employment & Labour
	Mpho	Tshitangoni	National Department of Forestry, Fisheries and Environment (DFFE)
	Siyabonga	Vesi	Gauteng Provincial Government
Mr	Xolani	Xundu	National Department of Human Settlements
	Mawethu	Zigana	

Pre-identified: Provincial Environmental Authority

	Mbali	Hlophe	Gauteng Department of Agriculture and Rural Development
	Aluwani	Chokoe	Gauteng Department of Agriculture and Rural Development
	Nhlanhla	Makhatini	Gauteng Department of Agriculture and Rural Development
	Zanele	Mlangeni	Gauteng Department of Agriculture and Rural Development
Ms	Matilda	Gasela	Gauteng Department of Agriculture and Rural Development
	Kgari	Mantowana	Gauteng Department of Agriculture and Rural Development
Mr	Loyiso	Mkwana	Gauteng Department of Agriculture and Rural Development
	Loyiso	Mkwana	Gauteng Department of Agriculture and Rural Development
	Madolo	Mncedisi	Gauteng Department of Agriculture and Rural Development
	Lydia	Muditambi	Gauteng Department of Agriculture and Rural Development
Mr	Nhlakanipho	Nkontwana	Gauteng Department of Agriculture and Rural Development
Ms	Deborah	Tshivhasa	Gauteng Provincial Government

Pre-identified: Ward Councillor

	Mann	Christie	Crodon Ward 17community/ committee
	Simon James	Lapping	Kelvin Homeowners Association/ Ward 17
Cllr	Lapping Simon	James	City of Ekurhuleni

Registered

	Ria	Barkhuizen	SANRAL
	Marcellus	Oliphant	Massive Quantum
	Bonnie	Ndlangamandla	
	Nomzamo	Sithole	Rand Water
	Tracey	Lourenco	

Title	Name	Surname	Company
	Suzan	Aidelomo	Transnet Freight Rail JHB
	Tobias	Verwey	
	Sindiso	Dabata	Thuls and S Construction
Mr	Hermanus	Steyn	
	Francina	Mokoma	Department of Agriculture, Land Reform and Rural Development
Mr	Kyle	Smith	Private individual - nearby resident
Mr	Nicholas	Mutomba	Community member - landowner
	Renee	Mott	Community Member - Croydon
	Zandisile	Mseleni	Eskom
	Ziyanda	Mdoda	Eskom
Mr	Irwin	Juckes	Nearby resident
	Federica	Scalla	MES Cranes
	Xolani Innocent	Sithole	
	Desiree	Kgole	Department of Agriculture, Land Reform and Rural Development
	Solomon	Maruma	Department of Agriculture, Land Reform and Rural Development
	Amukelani	Shiburi	Department of Agriculture, Land Reform and Rural Development
Mr	Dennis	Broski	
	Evelyn	Shogole	South African Civil Aviation Authority (SACAA)
	Franco	McKellar	LEAP
Mr	Cheleng	Khotle	Gauteng Department of Health - Ekurhuleni Health District
	Christina	Mnisi	Gauteng Department of Health
	Duduzile	Sebidi	Gauteng Department of Health
	Wayne	Glossop	
Mrs	Portia	Makitla	Department of Forestry, Fisheries & the Environment
	Nokusho	Ngobeni	South African Heritage Resources Agency
Mr	Gavin	Stock	Kelvin Estate Club House
	Brenda		Kelvin Estate
Mr	Japie	Smith	Actom Turbo
Mr	Phil	Bishop	Individual (PVT)
	Salome	Mambane	Department of Forestry, Fisheries & the Environment
	Reuben	Holland	Natural Justice
	Lumka	Notuku	ERM
Ms	Nokukhanya	Khumalo	South African Heritage Resources Agency

APPENDIX C2

INITIAL NOTIFICATION LETTER

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or popia@eims.co.za

14 February 2024

Our ref: 1607/JP/jw

To whom it may concern

Dear Sir or Madam:

NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT, IN THE EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE, SOUTH AFRICA.

Kelvin Power (Pty) Ltd (“Kelvin”) (hereafter referred to as the applicant) has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of application for:

- Environmental Authorisation (EA) in accordance with the National Environmental Management Act.
- Atmospheric Emissions Licence in accordance with the requirements of the National Environmental Management: Air Quality Act- NEM:AQA (Act 39 of 2004).
- Waste Management Licence in accordance with the requirements of the National Environmental Management: Waste Act- NEM:WA (Act 59 of 2008).
- Water Use Licence (WUL) in accordance with the National Water Act – NWA (Act 36 of 1998) .

Specific EIA listed activities and/or water uses will be confirmed during the process.

The applicant wishes to develop a Combined Cycle Gas Turbine (CCGT) Power Plant at the Kelvin Power Station. The net output will be approximately 600 megawatts. The CCGT Power Plant will comprise of one H class gas turbine, a heat recovery boiler and a steam turbine. The main structures comprising the plant include a gas turbine building, steam turbine building, water treatment plant, heat recovery steam generator, mechanical draft cooling tower, EHV substation, exhaust stack, auxiliary buildings and administration buildings. Other possible infrastructure includes additional water and treated sewage wastewater supply pipelines, as well as electricity transmission lines to the CityPower Sebenza substation adjacent to the power station.

The proposed project is located on Zuurfontein Farm 33-IR portion 391 R/E, Ekurhuleni Metropolitan Municipality, Gauteng Province. The site is approximately 4km West South West of Kempton Park CBD. The centre point of the site is approximately 26° 6'45.84"S, 28°11'36.42"E.

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN982 of 2014, as amended) for undertaking a Scoping and EIA process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and application/s. In order to ensure that you are identified and registered as an I&AP and that your comments are captured, please submit your name, contact details, the reason for your interest or any comments, in writing or telephonically, to EIMS. Please note that only registered I&AP's will be informed of future project information and opportunities for participation.

8 Dalmeny Road, Pine Park, 2194 | PO Box 2083, Pinegowrie 2123, South Africa
T (011) 789-7170 | F (086) 571- 9047

A Regus Business Centre, 14 Stewart Drive, Berea, East London
T (043) 783-9826 | F (086) 571- 9047

W www.eims.co.za | E mail@eims.co.za | Co Reg 1992/005927/07 | VAT 489 013 9027

Directors: L Whitlow, A Smith.

By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at www.eims.co.za/public-participation. In order to avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regards to this application, as soon as possible to EIMS at:

Contact Person: Jolene Webber

EIMS Reference Number: 1607

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telephone: (011) 789 7170/ Fax: (086) 571 9047

E-mail: Kelvin@eims.co.za

Please include the project reference number 1607 in all correspondence.

Further information will be available at www.eims.co.za/public-participation/. Please note that in the event that you are unable to access the website due to data constraints please contact EIMS for alternative arrangements.

Please feel free to contact the undersigned if you have any queries or concerns.

Kind Regards,

EIMS Public Participation Team

14 Febhuwari 2024

Inkomba yethu: 1607/JP/jw

Kothintekayo

Mnumzane noma Nkosazana Othandekayo:

ISAZISO ESIPHATHELENE NETHUBA LOKUBAMBA IQHAZA KWINKUBO YOKUGUNYAZWA YOKUFAKA ISICELO ESIPHAKANYISIWE SEPLANTI YESIKHUNGO SAMANDLA SE-KELVIN ESIHLANGANISIWE SOMJIKELEZO KAGESI, KUMASIPALA WEDOLOBHA LASE-EKURHULENI, KUSIFUNDA SASE-GAUTENG, ENINGIZIMU AFRIKA.

I-Kelvin Power (Pty) Ltd ("Kelvin") (ngemuva kwalokho izobizwa ngokuthi umfaki sicelo) iqoke i-Environmental Impact Management Services (Pty) Ltd (EIMS) njenge-Environmental Assessment Practitioner (EAP) ukusiza ukwenza izinqubo ezidingekayo zokugunyazwa (okufaka ukubamba iqhaza ngokomthetho okusesidlalaleni), kanye nokwenza nokuthumela amadokhumenti adingekayo ngokusekela isicelo salokhu:

- I-Environmental Authorisation (EA) ngokuhambisana Nomthetho Kazwelonke Wokuphathwa Kwemvelo.
- Ilayisense Yokukhishwa Kwemvelo ngokuya ngezidingo Zokuphathwa Kwemvelo Zikazwelonke: Umthetho Wekhwalithi Yomoya- NEM:AQA (Umthetho ongu-39 wango-2004).
- Ilayisense Yokuphathwa Kodoti ngokuya ngezidingo Zokuphathwa Kwemvelo Zikazwelonke: Umthetho Kadoti- i-NEM:WA (Umthetho ongu-59 wango-2008).
- I-Water Use Licence (WUL) ngokuya Ngomthetho Wamanzi Kazwelonke – i-NWA (Umthetho ongu-36 wango-1998).

Imisebenzi ecacisiwe efakwe kuhlu ye-EIA kanye/noma ukusetshenziswa kwamanzi kuzoqinisekiswa ngesikhathi senqubo.

Umfaki sicelo ufisa ukuthuthukisa i-Combined Cycle Gas Turbine (i-CCGT) Power Plant Kusiteshi Samandla sase-Kelvin. Amandla akhiqizwayo azolinganiselwa ku-600 megawatts. Imboni Yamandla ye-CCGT izofaka i-H class gas turbine eyodwa, i-boiler yokutakula kanye ne-steam turbine. Izakhiwo ezinkulu ezifaka iplanti zifaka ukwakhiwa kwe-gas turbine, ukwakhiwa kwe-steam turbine, iplanti lokulashwa kwamanzi, isikhiqizi ze-steam sokuphinda kutholwe kokushisa, umbhoshongo wokupholisa osalungiswa osebenza ngesandla, isiteshi esingaphansi se-EHV, isitaki sokokukhipha, izakhiwo ezisizayo kanye nezakhiwo zokuqondiswa. Enye ingqalasizinda engaba khona ifaka olayini bamapayipu abangeziwa bamanzi nabalashiwe bokuhlinzekwa kwendle kwamanzi kadoti, kanye nolayini bokudluliselwa kagesi kusiteshi esingaphansi se-CityPower Sebenza esibhekene nesiteshi samandla.

Iphrojekthi ephakanyisiwe itholakala Kufamu yase-Zuurfontein engu-33-IR eyingxenywe engu-391 R/E, Kumasipala Wedolobha lase-Ekurhuleni, Esifundeni sase-Gauteng. Isayithi licishe libe ngu-4km Entshonalanga Ningizimu Nontshanalanga kwase-Kempton Park CBD. Iphoyinti eliphakathi nendawo lesayithi ngesilinganiso ngu-26° 6'45.84"S, 28°11'36.42"E.

I-EIMS izolandela izinqubo ezichazwe Ekuqondisweni kwe-Environmental Impact Assessment (EIA) (i-GRN982 yango-2014, njengoba kushintshiwe) ngokwenza inqubo ye-Scoping neye-EIA. Ngokuya Ngesahluko 6 Sokuqondiwa kwe-EIA, inqubo yokubamba iqhaza esesidlalaleni izokwenziwa. Lapha uyamenywa ukuthi ubhalise uphinde ubeke amazwana

8 Dalmeny Road, Pine Park, 2194 | PO Box 2083, Pinegowrie 2123, Ningizimu Afrika
T (011) 789-7170 | F (086) 571- 9047

A Regus Business Centre, 14 Stewart Drive, Berea, East London
T (043) 783-9826 | F (086) 571- 9047

W www.eims.co.za | E mail@eims.co.za | Co Reg 1992/005927/07 | I-VAT 489 013 9027

Abaqondisi: U-L Whitlow, A Smith.

kuprojekthi ephakanyisiwe nokufakwa kwezicelo. Ukuze uqinisekise ukuthi uyahlonzwa futhi ubhaliswe njenge-I&AP nokuthi amazwana akho ayathathwa, sicela uthumele igama lakho, imininingwane yokuxhumana, isizathu sentshisekelo yakho, ekubhaleni noma ngocingo, ku-EIMS. Sicela uqaphele ukuthi i-I&AP kuphela ebhalisiwe ezokwaziswa ngolwazi oluzayo lweprojekthi kanye namathuba okubamba iqhaza.

Ngokubhalisa njengohlangothi olunentshisekelo noluthintekayo uvumela ukuqoqwa nokucutshungulwa kwedatha yakho siqu njengokuya Kwesaziso Sobumfihlo se-EIMS esitholakala ku- www.eims.co.za/public-participation. Ukuze kugwenywe ukuphuthelwa amathuba ekubambeni iqhaza esidlangalaleni sicela uthumele ukubhaliswa kwe-I&AP, noma eminye imibuzo, amazwana, noma ukukhathazeka ngokuphathelene nalesi sicelo, ngokushesha okungakhoneka ku-EIMS lapha:

Umuntu Oxhunywayo: U-Jolene Webber

Inombolo Yenkomba ye-EIMS: 1607

Ikheli Leposi: P.O. Box 2083; Pinetown; 2123

Ucingo: (011) 789 7170/ Ifeksi: (086) 571 9047

I-imeyili: Kelvin@eims.co.za

Sicela ufake inombolo yenkomba yeprojekthi engu-1607 kukho konke ukubhalwa.

Olunye ulwazi luzotholakala ku- www.eims.co.za/public-participation/. Sicela wazi ukuthi uma kungenzeka ukuthi ungasazi ukufinyelela kuwebhusayithi ngenxa yemikhawulo yedatha sicela uxhumane ne-EIMS ngokunye ukuhlelwa.

Sicela ukhululeke ukuxhumana nosayinile phansi uma unemibuzo noma ukukhathazeka.

Abazithobayo,

Ithimba Lokubamba Iqhaza Elisesidlangalaleni le-EIMS

APPENDIX C3
SITE NOTICE PLACEMENT

Site Notice:

NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT, IN THE EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE, SOUTH AFRICA.

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- Environmental Authorisation (EA) in accordance with the National Environmental Management Act.
- Atmospheric Emissions Licence in accordance with the requirements of the National Environmental Management: Air Quality Act- NEMA:QA (Act 99 of 2004).
- Waste Management Licence in accordance with the requirements of the National Environmental Management: Waste Act- NEM:WA (Act 59 of 2008).
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Specific EIA listed activities and/or water uses will be confirmed during the process.

The applicant wishes to develop a Combined Cycle Gas Turbine (CCGT) Power Plant at the Kelvin Power Station. The net output will be approximately 600 megawatts. The CCGT Power Plant will comprise of one H class gas turbine, a heat recovery boiler and a steam turbine. The main structures comprising the plant include a gas turbine building, steam turbine building, water treatment plant, heat recovery steam generator, mechanical draft cooling tower, LHV substation, exhaust stack, auxiliary buildings and administration buildings. Other possible infrastructure includes additional water and treated sewage wastewater supply pipelines, as well as electricity transmission lines to the CityPower Sebzenza substation adjacent to the power station.

The proposed project is located on Zuurfontein Farm 33-IR portion 391 R/E, Ekurhuleni Metropolitan Municipality, Gauteng Province. The site is approximately 4km West South West of Kempton Park CBD. The centre point of the site is approximately 26° 6'45.84" S, 28° 11'36.42" E.

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN82 of 2014, as amended) for undertaking a Scoping and EA process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and application/s. In order to ensure that you are identified and registered as an IS&AP and that your comments are captured, please submit your name, contact details, the reason for your interest or any comments, in writing or telephonically, to EIMS. Please note that only registered IS&AP's will be informed of future project information and opportunities for participation.

By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at www.eims.co.za/public-participation. In order to avoid missing out on opportunities for public participation please submit IS&AP registrations, or any queries, comments, or concerns with regards to this application, as soon as possible to EIMS.

ISAZISO ESIPHATHILENE NETHUBA LOKUBAMBWA IQHAZA KWINGQUBO YOKUGUNYAZWA YOKUFAKA ISICELO ESIPHIKANYISIWE SEPLANTI YESIKHUNGO SAMANDLA SE-KELVIN ESIBLANGANISIWE SOMIKELEZO KAGESI, KUMASIPALA WEDOLOBHA LA SE- EKURHULENI, KUSIFUNDA SASE-GAUTENG, ENINGIZIMU AFRIKA.

I-Kelvin Power (Pty) Ltd ("Kelvin") (ngemva kwalokho izobizwa ngokuthi umfaki sicelo) i-Environmental Impact Management Services (Pty) Ltd (EIMS) njenge-Environmental Assessment Practitioner (EAP) ukusiza ukwenza izinqubo ezingekayo zokugunyazwa [okufaka ukubamba iqhaza ngokomthetho okusesidingalaleni], kanye nokwenza nokuthumela amadokhumenti adingekayo ngokusekela isicelo salokhu:

- I-Environmental Authorisation (EA) ngekuhambisana Nombetho Kazwelonke Wokuphatha Kwemvelo.
- Ilayisense Yokukhishwa Kwemvelo ngokuya ngezidingo Zokuphatha Kwemvelo Zikazwelonke: Umthetho Wokhwalithi Yomoya- NEM:QAQ (Umthetho ongu-99 wango-2004).
- Ilayisense Yokuphatha Kodoti ngokuya ngezidingo Zokuphatha Kwemvelo Zikazwelonke: Umthetho Cadoti- I-NEM:WA (Umthetho ongu-59 wango-2008).
- I-Water Use Licence (WUL) ngokuya Ngomthetho Wamanzi Kazwelonke – I-NWA (Umthetho ongu-36 wango-1998).

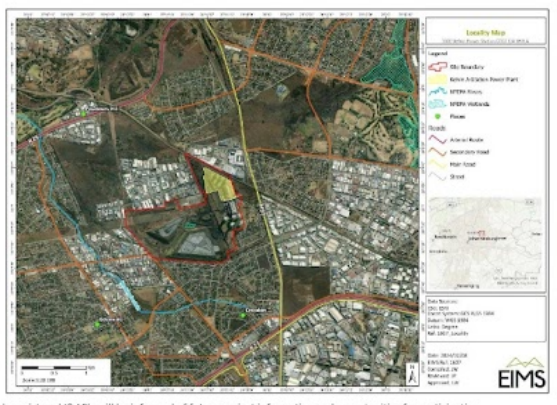
Imisebenzi ecaciswe efakwe kuhluleni ye-EIA kanye/noma ukusetshenziswa kwamanzi kuzoqinisekiswa ngesikhathi senqubo.

Umfaki sicelo ufisa ukuthuthukisa I-Combined Cycle Gas Turbine (I-CCGT) Power Plant Kusiteshi Samandla sase-Kelvin. Amanzila akhinqizwayo azoqinisekiswa ku-600 megawatts. Imboni Yamandla ye-CCGT izofaka I-H class gas turbine evodwa, I-boiler yokutakula kanye ne-steam turbine. Izakhiwo ezinkulu ezifaka iplanti zifaka ukwakhiwa kwe-gas turbine, ukwakhiwa kwe-steam turbine, iplanti lokulashwa kwamanzi, isikhigazi ze-steam sokuphinda kutholwe kokushisa, umboshongo wokupholisa osakungiswa osebenza ngesandla, isiteshi esingaphansi se-EHV, isitali sokokukhupha, izakhiwo ezizayo kanye nezakhiwo zokugondiswa. Enye ingalazizinda engaba khona ifaka olayini bamapayipu abangeziwa bamanzi nabalashive bokuhluzeka kwendlekwamanzi kadoti, kanye nolayini bokudluliselwa kagesi kusesithi esingaphansi se-CityPower Sebzenza esibekeke neiteshi samandla.

Iphrojekthi ephakanyisiwe itholakala kuFamu yase-Zuurfontein ongu-33-IR eyinyenge ongu-391 R/E, Kumasipala Wedolobha lase-Ekurhuleni, Esifundeni sase-Gauteng. Isayithi licishe libe ngu-4km Entshonalanga Ningizimu Nontshanzlanga kwase-Kempton Park CBD. Iphoyinti eliphakathi nendawo lesayithi ngesilinganiso ngu-26° 6'45.84" S, 28° 11'36.42" E.

I-EIMS izolandela izinqubo ezichazwe ekuqondiseni kwe-Environmental Impact Assessment (EIA) [I-GRN82 yango-2014, njengoba kushintshiwe] ngokwenza inqubo ye-Scoping neye-EA. Ngokuya Ngesahluko 6 Sokuqondiswa kwe-EIA, inqubo yokubamba iqhaza esidingalaleni izokwenziwa. Lapha uyanenya ukuthi ubhalise uphinde ubeke amazwana kuphrojekthi ephakanyisiwe nokufaka kwesicelo. Ukuze uqinisekise ukuthi uyahlonzwa futhi ubhaliswe njenge-IS&AP nokuthi amazwana akho syathathwa, sicela uthumele igama lakho, imininingwane yokuhumana, isizathu sentshisekelo yakho, ekubhaleni noma ngocingo, ku-EIMS. Sicela usaphelule ukuthi i-IS&AP kuphela ebhaliswe ezokwaziwa ngotwazi oluzayo kwephrojekthi kanye namathuba okubamba iqhaza.

Ngokubhalisa njengohlangathi olunentshisekelo noluthintekayo uvumela ukuqoqwa nokucutshungulwa kwendatha yakho siqu njengokuya Kwesiziso Sobumthetho se-EIMS esitholaka ku- www.eims.co.za/public-participation. Ukuze kugenywe ukuphuthelwa amathuba ekubambeni iqhaza esidingalaleni sicela uthumele ukubhaliswa kwe-IS&AP, noma eminye imibuzo, amazwana, noma ukukhathuzeka ngokuphathelene nalesi sicelo, ngokushesha okungakhoneka ku-EIMS lapha.

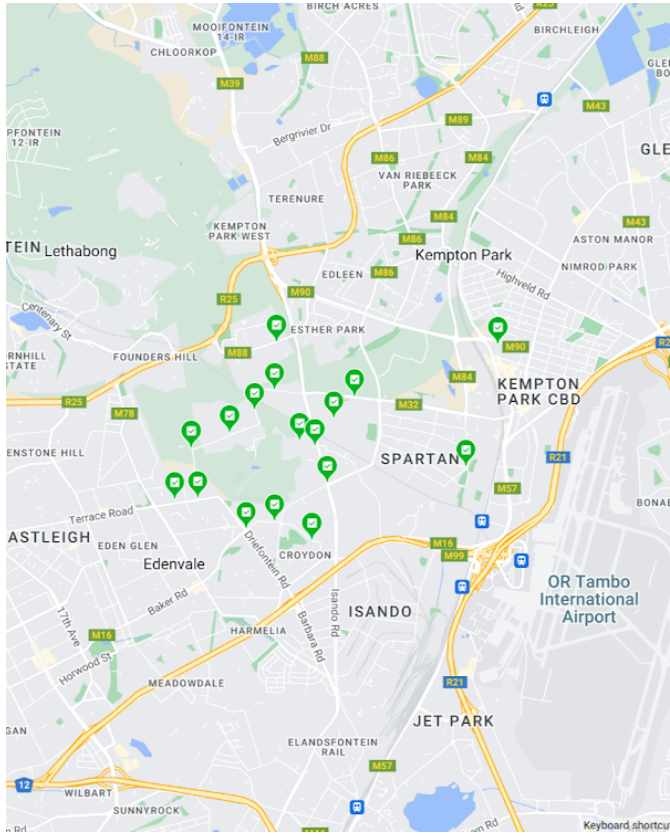


Contact Person/ Umuntu Oxhanywayo: Jolene
 EIMS Reference Number/ Inombolo Yenombolo ye-EIMS: 1607
 Postal Address/ Ikheli Leposi: P. O. Box 2083, Pinegowrie 2123

E-mail/ I-imeyili: kelvin@eims.co.za
 Fax/ Ifeksi: (086) 571 9047
 Telephone/ Ucingo: (011) 789 7170



Locality Map:

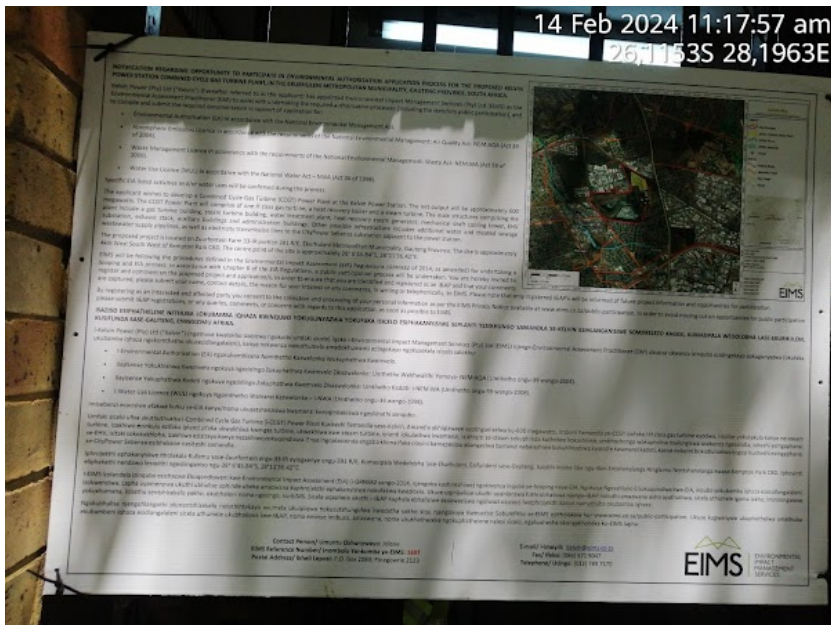


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14 Feb 2024 11:16:47 am
26,1152S 28,1963E

Site Notice 1



14 Feb 2024 11:17:57 am
26,1153S 28,1963E

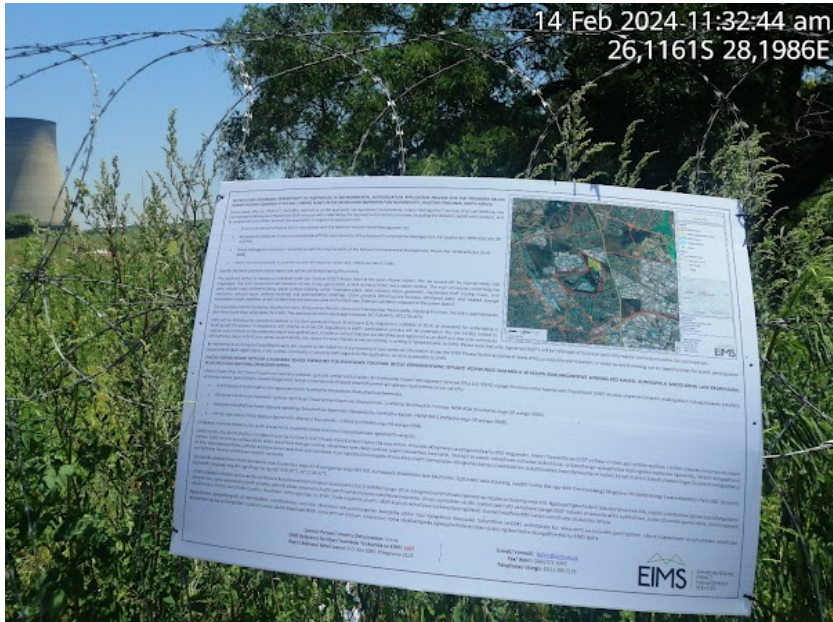
Site Notice 1

Site Notice: 14/02/2024 09:44:11; GPS Coordinates: -26.116096, 28.198624



14 Feb 2024 11:32:39 am
26,1161S 28,1986E

Site Notice 2



14 Feb 2024 11:32:44 am
26,1161S 28,1986E

Site Notice 2

Site Notice: 14/02/2024 10:00:23; GPS Coordinates: -26.108214, 28.192372



14 Feb 2024 11:44:45 am
26,1082S 28,1924E

Site Notice 3



14 Feb 2024 11:44:40 am
26,1082S 28,1924E

Site Notice 3

Site Notice: 14/02/2024 10:03:18; GPS Coordinates: -26.111035, 28.189162



Site Notice 4



Site Notice 4

Site Notice: 14/02/2024 10:05:21; GPS Coordinates: -26.114302, 28.185317



Site Notice 5



14 Feb 2024 12:07:03 pm
26,1143S 28,1853E

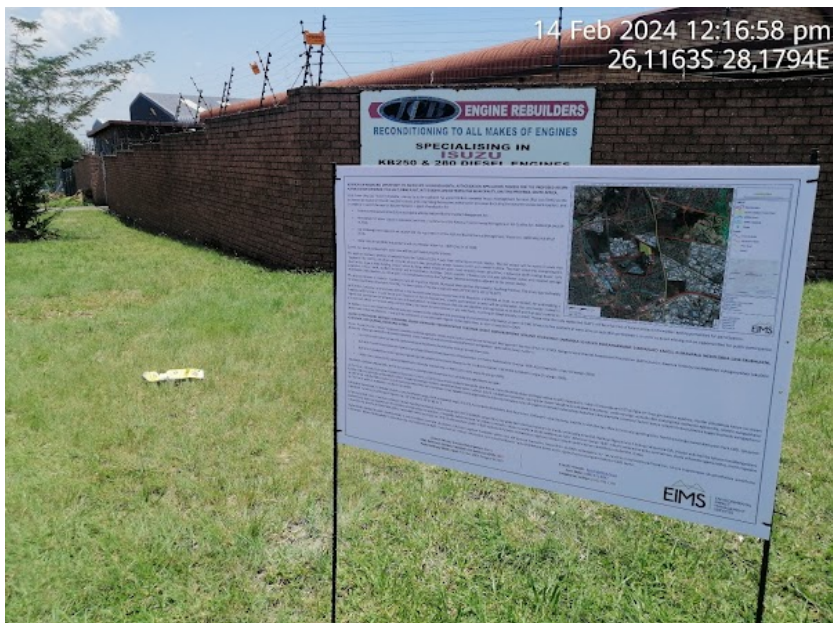
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Site Notice: 14/02/2024 10:07:30; GPS Coordinates: -26.116425, 28.179301



14 Feb 2024 12:16:53 pm
26,1163S 28,1795E

Site Notice 6



14 Feb 2024 12:16:58 pm
26,1163S 28,1794E

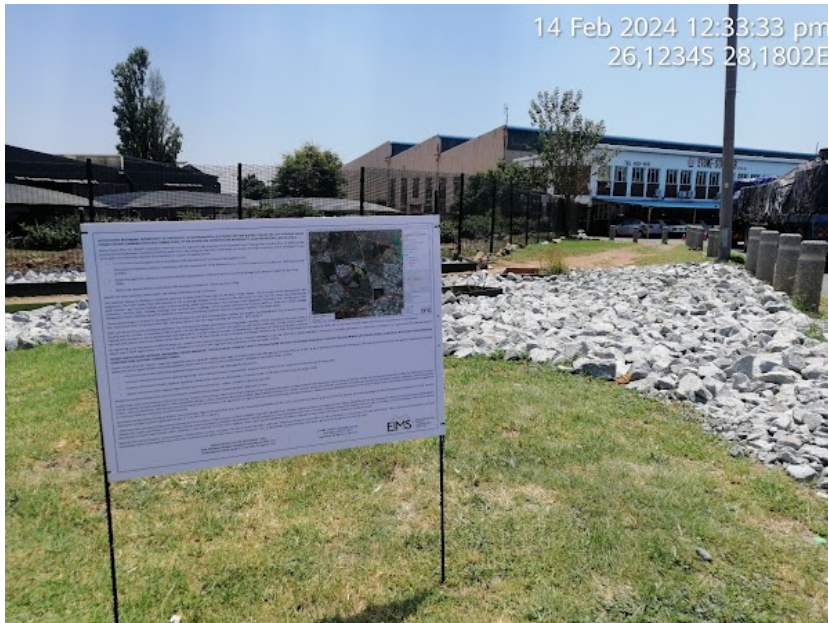
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Site Notice 7



14 Feb 2024 12:38:33 pm
26,12345 28,1802E

Site Notice 7

Site Notice: 14/02/2024 10:11:14; GPS Coordinates: -26.123747, 28.176601



14 Feb 2024 11:24:24 pm
26,12385 28,1767E

Site Notice 8

14 Feb 2024 12:46:31 pm
26,1238S 28,1767E



Site Notice 8

Site Notice: 14/02/2024 10:13:47; GPS Coordinates: -26.127903, 28.187873

14 Feb 2024 1:01:37 pm
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Site Notice 9

14 Feb 2024 1:01:47 pm
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Site Notice 9

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Site Notice 10

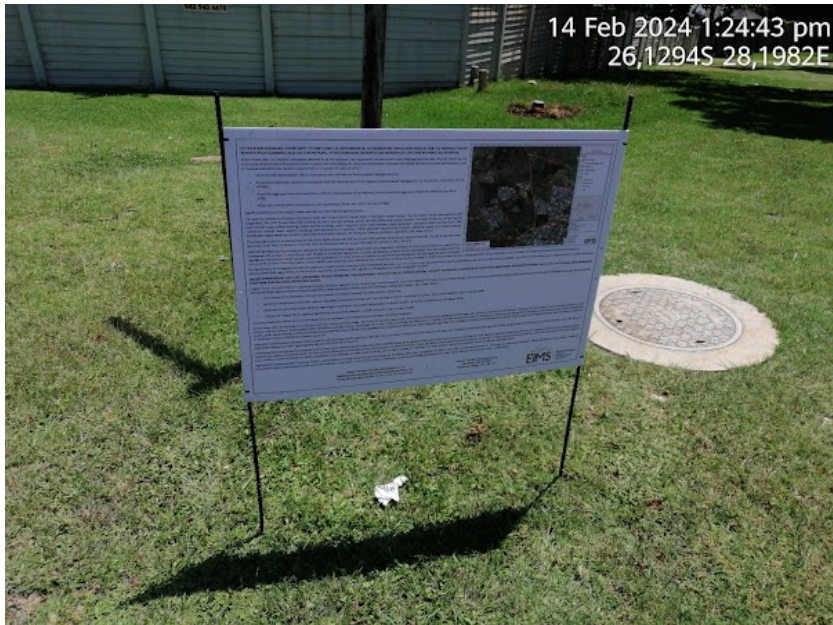


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Site Notice 11



14 Feb 2024 1:24:43 pm
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Site Notice 11

Site Notice: 14/02/2024 10:19:40; GPS Coordinates: -26.121352, 28.200464



14 Feb 2024 1:44:07 pm
26,1214S 28,2004E

Site Notice 12



14 Feb 2024 1:44:15 pm
26,1214S 28,2004E

Site Notice 12

Site Notice: 14/02/2024 10:22:38; GPS Coordinates: -26.112251, 28.201561



Site Notice 13



Site Notice 13

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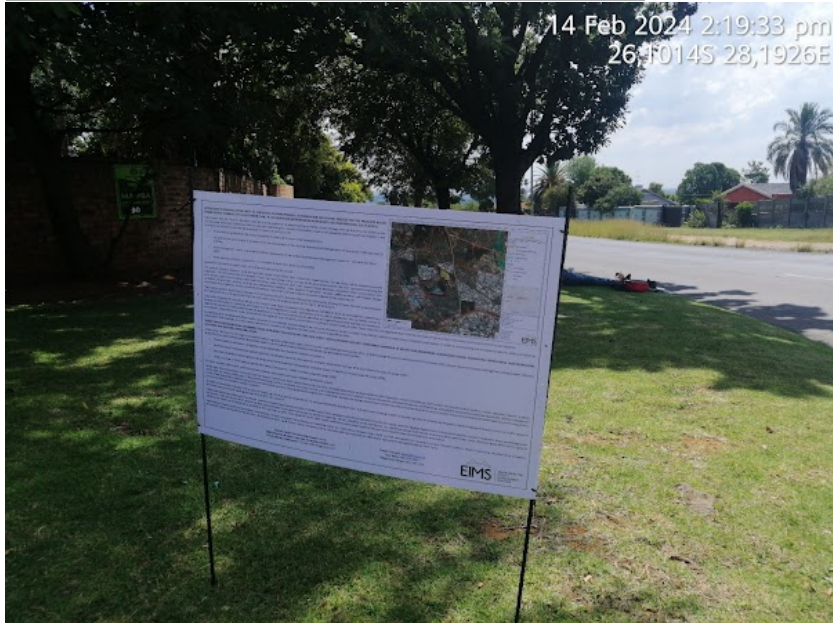
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26,1093S 28,2049E

Site Notice 14

Site Notice: 14/02/2024 10:30:33; GPS Coordinates: -26.101472, 28.192583



14 Feb 2024 2:19:33 pm
26,1014S 28,1926E

Site Notice 15



14 Feb 2024 2:19:37 pm
26,1014S 28,1926E

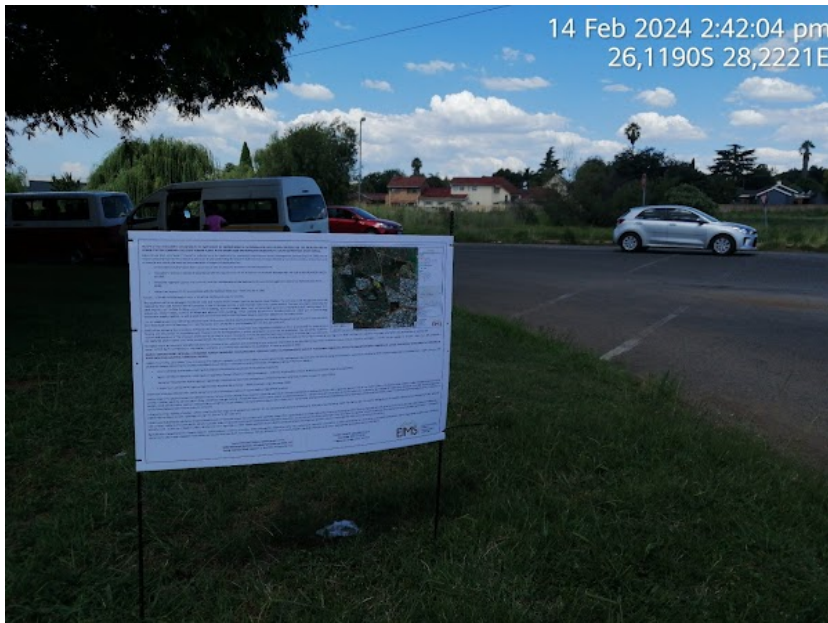
Site Notice 15

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14 Feb 2024 2:41:52 pm
26,1190S 28,2221E

Site Notice 16



14 Feb 2024 2:42:04 pm
26,1190S 28,2221E

Site Notice 16

Poster: 14/02/2024 10:34:30; GPS Coordinates: -26.101825, 28.227317



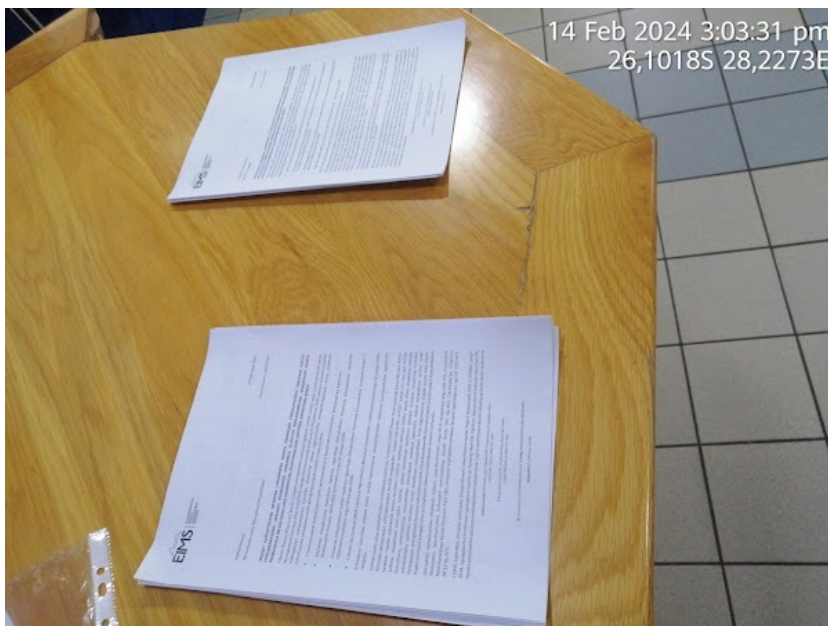
14 Feb 2024 3:02:18 pm
26,1018S 28,2273E

Poster - Kempton Park Public Library

Handout: 14/02/2024 10:37:02; GPS Coordinates: -26.101825, 28.227317



Initial Notification Handouts - Kempton Park Public Library



Initial Notification Handouts - Kempton Park Public Library

APPENDIX C4

NEWSPAPER ADVERTISEMENT

Importance of green spaces highlighted

To conserve natural spaces and green zones, Edenvale resident and environmentalist Neil Heron hopes to initiate a conversation between conservancy groups, schools and local businesses.

Set to give a similar discussion at the Modderfontein Conservation Society's (MSC) February meeting, the nature guide and author hopes to see community members preserve green spaces in Edenvale and the surrounding areas.

One suggestion Neil made is initiating discussions about the importance of conservancy with primary and high school learners.

He said once this is done, eco gardens or bird gardens can be established at schools before relationships between conservation groups, businesses and schools are developed.

"Local businesses or groups such as Birdlife SA could assist the schools to develop their initiatives further," said Neil.

"At schools where conservancy is highlighted, a vegetable garden could be their first project. Learners and schools could benefit from the crops and realise the importance of keeping a green space."

He said when children see the benefits of green spaces, it helps to develop a greater interest and care for the environment later in life.

Speaking about the green



Edenvale resident and environmentalist Neil Heron hopes to initiate a conversation between conservancy groups, schools and local businesses.

spaces around us, Neil said for some, they can be found on the properties we live on.

"Green spaces can be in residential gardens, school grounds, community parks, dams and nature reserves."

He said although some animals may remain in some green spaces, other migratory animals need sustainability steps. These animals need to move to areas to feed and to fly as they travel.

Neil said to knit the green spaces in the community together, the community must unite.

"There would need to be buy-in from the schools to create more environmental awareness for their learners."

He said another option could be green energy companies partnering with schools to reduce carbon emissions in the area.

"I would like to initiate a discussion. I do not want to tell people what to do; that is not my place."

Neil, who spent many years trying to rehabilitate Frank Marret Park with the help of community members such as Mike Anderson, said it was difficult to achieve goals with limited community input.

"There are already many community members and organisations that do so much to look after the community," said Neil.

However, by working together, he believes more can be achieved.

He highlighted a community's biggest resource is the youth. "The children are important; they are our future and are the ones who will live here after us."

Neil highlighted that green spaces in the greater community need to be protected. He said without them, residents would live in concrete cesspools.

Neil will speak at the MSC meeting on February 24 at 14:00. Entrance fees are applicable. For more information contact Robbie Vermont on 082 800 3704.



Essentially Edenvale launched its war against weeds clean-up campaign on February 10.

Weeds lose the war

NPO Essentially Edenvale held the first community clean-up of the year on February 10, at Horwood's Farm.

Members of the NPO were hard at work in their attempts to keep the park clean with their war against weeds initiative. Seventeen people attended the campaign.

Campaign organiser Lisa Atkins said the clean-up was a 'great' success.

"We had Catherine, who is one of the trained horticulturists from Edenvale

Parks, assisting us on the day," she said.

She urged more community members to join the initiative and support the NPO.

"Supporting the NPO's initiatives you get to enjoy the fresh air and Edenvale's green spaces," said Atkins.

To get involved residents can reach out to Lisa Atkins on 082 900 8847 or by following the Essentially Edenvale Community Volunteers Facebook page for upcoming events.

NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT, IN THE EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE, SOUTH AFRICA.

Kelvin Power (Pty) Ltd ("Kelvin") (hereafter referred to as the applicant) has appointed Environmental Impact Management Services (Pty) Ltd (EIMS) as the Environmental Assessment Practitioner (EAP) to assist with undertaking the required authorisation processes (including the statutory public participation), and to compile and submit the required documentation in support of application for:

- Environmental Authorisation (EA) in accordance with the National Environmental Management Act.
- Atmospheric Emissions Licence in accordance with the requirements of the National Environmental Management: Air Quality Act- NEM:AQA (Act 39 of 2004).
- Waste Management Licence in accordance with the requirements of the National Environmental Management: Waste Act- NEM:WA (Act 59 of 2008).
- Water Use Licence (WUL) in accordance with the National Water Act – NWA (Act 36 of 1998) .

Specific EIA listed activities and/or water uses will be confirmed during the process.

The applicant wishes to develop a Combined Cycle Gas Turbine (CCGT) Power Plant at the Kelvin Power Station. The net output will be approximately 600 megawatts. The CCGT Power Plant will comprise of one H class gas turbine, a heat recovery boiler and a steam turbine. The main structures comprising the plant include a gas turbine building, steam turbine building, water treatment plant, heat recovery steam generator, mechanical draft cooling tower, EHV substation, exhaust stack, auxiliary buildings and administration buildings. Other possible infrastructure includes additional water and treated sewage wastewater supply pipelines, as well as electricity transmission lines to the CityPower Sebenza substation adjacent to the power station.

The proposed project is located on Zuurfontein Farm 33-IR portion 391 R/E, Ekurhuleni Metropolitan Municipality, Gauteng Province. The site is approximately 4km West South West of Kempton Park CBD. The centre point of the site is approximately 26° 6'45.84"S, 28°11'36.42"E.

EIMS will be following the procedures defined in the Environmental Impact Assessment (EIA) Regulations (GRN982 of 2014, as amended) for undertaking a Scoping and EIA process. In accordance with Chapter 6 of the EIA Regulations, a public participation process will be undertaken. You are hereby invited to register and comment on the proposed project and application/s. In order to ensure that you are identified and registered as an I&AP and that your comments are captured, please submit your name, contact details, the reason for your interest or any comments, in writing or telephonically, to EIMS. Please note that only registered I&AP's will be informed of future project information and opportunities for participation. By registering as an interested and affected party you consent to the collection and processing of your personal information as per the EIMS Privacy Notice available at www.eims.co.za/public-participation. In order to avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regards to this application, as soon as possible to EIMS at:

Contact Person: Jolene
 EIMS Reference Number: 1607
 Postal Address: P.O. Box 2083; Pinegowrie; 2123
 Telephone: 011 789 7170/ Fax: 086 571 9047
 Email: Kelvin@eims.co.za
 Please include the project reference number 1607 in all correspondence.

Further information will be available at www.eims.co.za/public-participation/. Please note that in the event that you are unable to access the website due to data constraints please contact EIMS for alternative arrangements.



EIMS0608W

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Concerns over newly appointed top cop



The DA expressed its concern about the recent appointment of the deputy chief of police, Julius Mkhwanazi.

According to DA spokesperson for community safety, Clr Jaco Terblanche, the DA obtained documents that reveal that the newly appointed deputy chief of police was recommended for disciplinary action for allegedly fraudulently registering vehicles owned by the City of Ekurhuleni to a private security company.

"The city appointed an external company to investigate this matter at

"It is a clear indicator of the ripeness of cadre deployment."

a cost of R600 000, and the investigation is yet to be finalised.

"The Independent Police Investigative Directorate (IPID) also made a recommendation of disciplinary action against Mkhwanazi following the allegations of fraud," said Terblanche.

Terblanche stated that it is inconceivable that the city would promote Mkhwanazi to the second most powerful position in the EMPD following these allegations instead of dismissing him.

"It is a clear indicator of the

Clr Jaco Terblanche.

ripeness of cadre deployment in the metro and is a slap in the face of law-abiding residents of Ekurhuleni," he said.

Terblanche stated that while Mkhwanazi was suspended with full pay for three months, whistle-blowers approached the party and revealed that he has now been appointed as the deputy chief of police with a salary of over R1.3m.

"Some of the core requirements for the position include excellent knowledge and understanding of relevant legislation that guides policing services, the ability to display and build on high standards of ethical and moral conduct and financial management skills.

"Mkhwanazi cannot be said to comply with these core requirements."

Terblanche said he will be writing to the MMC of Community Safety, the mayor of Ekurhuleni and the city manager to reject the appointment of Mkhwanazi.

He has demanded that a full investigation be conducted as to whether the city did investigate Mkhwanazi as per IPID recommendations and what the findings were.

"Community safety is important given the high crime rate in the city, the EMPD can therefore not be headed by criminals."

The Kempton Express sent an enquiry to the City of Ekurhuleni on February 9, requesting comment on February 12.

By the time of going to print, no comment was received.

ISAZISO ESIPHATHELENE NETHUBA LOKUBAMBA IQHAZA KWINGUBO YOKUGUNYAZWA YOKUFAGA ISICELO ESIPHAKANYISIWE SEPLANTI YESIKHUNGO SAMANDLA SE-KELVIN ESIHLANGANISIWE SOMJIKELEZO KAGESI, KUMASIPALA WEDOLOBHA LASE-EKURHULENI, KUSIFUNDA SASE-GAUTENG, ENINGIZIMU AFRIKA.

I-Kelvin Power (Pty) Ltd ("Kelvin") (ngemuva kwalokho izobizwa ngokuthi umfaki sicelo) i-Environmental Impact Management Services (Pty) Ltd (EIMS) njenge-Environmental Assessment Practitioner (EAP) ukusiza ukwenza izinqubo ezidingekayo zokugunyazwa (okufaka ukubamba iqhaza ngokomthetho okusesidlangalaleni), kanye nokwenza nokuthumela amadokhumenti adingekayo ngokusekela isicelo salokhu:

- I-Environmental Authorisation (EA) ngokuhambisana Nomthetho Kazwelonke Wokuphathwa Kwemvelo.
- Ilayisense Yokukhishwa Kwemvelo ngokuya ngezidingo Zokuphathwa Kwemvelo Zikazwelonke: Umthetho Wekhwalithi Yomoya- NEM:AQA (Umthetho ongu-39 wango-2004).
- Ilayisense Yokuphathwa Kodoti ngokuya ngezidingo Zokuphathwa Kwemvelo Zikazwelonke: Umthetho Kadoti- i-NEM:WA (Umthetho ongu-59 wango-2008).
- I-Water Use Licence (WUL) ngokuya Ngomthetho Wamanzi Kazwelonke – i-NWA (Umthetho ongu-36 wango-1998).

Imisebenzi ecacisiwe efakwe kuhlu ye-EIA kanye/noma ukusetshenziswa kwamanzi kuzoqinisekiswa ngesikhathi senqubo.

Umfaki sicelo ufisa ukuthuthukisa i-Combined Cycle Gas Turbine (i-CCGT) Power Plant Kusiteshi Samandla sase-Kelvin. Amandla akhiqizwayo azolinganisela ku-600 megawatts. Imboni Yamandla ye-CCGT izofaka i-H class gas turbine eyodwa, i-boiler yokutakula kanye ne-steam turbine. Izakhiwo ezinkulu ezifaka iplanti zifaka ukwakhiwa kwe-gas turbine, ukwakhiwa kwe-steam turbine, iplanti lokulashwa kwamanzi, isikhinqizi ze-steam sokuphinda kutholwe kokushisa, umbhoshongo wokupholisa osalungiswa osebenza ngesandla, isiteshi esingaphansi se-EHV, isitaki sokokukhipha, izakhiwo ezisizayo kanye nezakhiwo zokuqondiswa. Enye ingqalazizinda engaba khona ifaka olayini bamapayipu abangeziwa bamanzi nabalashiwe bokuhlizekwa kwendle kwamanzi kadoti, kanye nolayini bokudluliselwa kogesi kusiteshi esingaphansi se-CityPower Sebenza esibhekene nesiteshi samandla.

Iphrojekthi ephakanyisiwe itholakala Kufamu yase-Zuurfontein engu-33-IR eyingxenywe engu-391 R/E, Kumasipala Wedolobha lase-Ekurhuleni, Esifundeni sase-Gauteng. Isayithi licishe libe ngu-4km Entshonalanga Niningizimu Nontshanalanga kwase-Kempton Park CBD. Iphoyinti eliphakathi nendawo lesayithi ngesilinganiso ngu-26° 6'45.84"S, 28°11'36.42"E.

I-EIMS izolandela izinqubo ezichazwe Ekuqondisweni kwe-Environmental Impact Assessment (EIA) (i-GRN982 yango-2014, njengoba kushintshiwe) ngokwenza inqubo ye-Scoping neye-EIA. Ngokuya Ngesahluko 6 Sokuqondiswa kwe-EIA, inqubo yokubamba iqhaza esesidlangalaleni izokwenziwa. Lapha uyaminywa ukuthi ubhalise uphinde ubeke amazwana kuphrojekthi ephakanyisiwe nokufakwa kwezicelo. Ukuze uqinisekise ukuthi uyahlonzwa futhi ubhalise njenge-I&AP nokuthi amazwana akho ayathathwa, sicela uthumele igama lakho, imininingwane yokuxhumana, isizathu sentshisekelo yakho, ekubhaleni noma ngocono, ku-EIMS. Sicela uqaphele ukuthi i-I&AP kuphela ebhalisiwe ezokwaziswa ngolwazi oluzayo lwephrojekthi kanye namathuba okubamba iqhaza. Ngokubhalisa njengohlangothi olunentshisekelo noluthintekayo uvumela ukuqoqwa nokucutshungulwa kwedatha yakho siqu njengokuya Kwesaziso Sobumfihlo se-EIMS esitholakala ku- www.eims.co.za/public-participation/. Sicela ulwazi luzotholakala ukuthi ungakwazi ukufinyelela kuwebhusayithi ngenxa yemikhawulo yedatha sicela uxhumane ne-EIMS ngokunye ukhululeka. Sicela ukhululeke ukuxhumana nosayinile phansi uma unemibuzo noma ukukhathazeka.

Umuntu Oxhunyo: U-Jolene
Inombolo Yenkombe ye-EIMS: **1607**
Ikheli Leposi: P.O. Box 2083; Pinegowrie; 2123
Ucingo: 011 789 7170/ Ifeksi: 086 571 9047
I-imeyili: Kelvin@eims.co.za

Sicela ufake inombolo yenkombe yephrojekthi engu-**1607** kukho konke ukubhalwa. Olunye ulwazi luzotholakala ku- www.eims.co.za/public-participation/. Sicela wazi ukuthi uma kungenzeka ukuthi ungakwazi ukufinyelela kuwebhusayithi ngenxa yemikhawulo yedatha sicela uxhumane ne-EIMS ngokunye ukhululeka. Sicela ukhululeke ukuxhumana nosayinile phansi uma unemibuzo noma ukukhathazeka.



EIMSW08W

NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT, IN THE EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE, SOUTH AFRICA.

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Specific EIA listed activities and/or water uses will be confirmed during the process.

The applicant wishes to develop a Combined Cycle Gas Turbine (CCGT) Power Plant at the Kelvin Power Station. The net output will be approximately 600 megawatts. The CCGT Power Plant will comprise of one H class gas turbine, a heat recovery boiler and a steam turbine. The main structures comprising the plant include a gas turbine building, steam turbine building, water treatment plant, heat recovery steam generator, mechanical draft cooling tower, EHV substation, exhaust stack, auxiliary buildings and administration buildings. Other possible infrastructure includes additional water and treated sewage wastewater supply pipelines, as well as electricity transmission lines to the CityPower Sebenza substation adjacent to the power station.

The proposed project is located on Zuurfontein Farm 33-IR portion 391 R/E, Ekurhuleni Metropolitan Municipality, Gauteng Province. The site is approximately 4km West South West of Kempton Park CBD. The centre point of the site is approximately 26° 6'45.84"S, 28°11'36.42"E.

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Contact Person: Jolene
EIMS Reference Number: **1607**
Postal Address: P.O. Box 2083; Pinegowrie; 2123
Telephone: 011 789 7170/ Fax: 086 571 9047
Email: Kelvin@eims.co.za
Please include the project reference number **1607** in all correspondence.

Further information will be available at www.eims.co.za/public-participation/. Please note that in the event that you are unable to access the website due to data constraints please contact EIMS for alternative arrangements.



EIMSW08W

APPENDIX C5
GAZETTE NOTICE

GENERAL NOTICE 251 OF 2024**NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT, IN THE EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE, SOUTH AFRICA.**

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Contact Person: Jolene

EIMS Reference Number: 1607

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telephone: (011) 789 7170/ Fax: (086) 571 9047

E-mail: Kelvin@eims.co.za

Please include the project reference number 1607 in all correspondence.

Further information will be available at www.eims.co.za/public-participation/. Please note that in the event that you are unable to access the website due to data constraints please contact EIMS for alternative arrangements.

ISAZISO ESIPHATHELENE NETHUBA LOKUBAMBA IQHAZA KWINQUBO YOKUGUNYAZWA YOKUFAKA ISICELO ESIPHAKANYISIWE SEPLANTI YESIKHUNGO SAMANDLA SE-KELVIN ESIHLANGANISIWE SOMJIKELEZO KAGESI, KUMASIPALA WEDOLOBHA LASE-EKURHULENI, KUSIFUNDA SASE-GAUTENG, ENINGIZIMU AFRIKA.

I-Kelvin Power (Pty) Ltd ("Kelvin") (ngemuva kwalokho izobizwa ngokuthi umfaki sicelo) iqoke i-Environmental Impact Management Services (Pty) Ltd (EIMS) njenge-Environmental Assessment Practitioner (EAP) ukusiza ukwenza izinqubo ezidingekayo zokugunyazwa (okufaka ukubamba iqhaza ngokomthetho okusesidlangalaleni), kanye nokwenza nokuthumela amadokhumenti adingekayo ngokusekela isicelo salokhu:

- I-Environmental Authorisation (EA) ngokuhambisana Nomthetho Kazwelonke Wokuphathwa Kwemvelo.
- Ilayisense Yokukhishwa Kwemvelo ngokuya ngezidingo Zokuphathwa Kwemvelo Zikazwelonke: Umthetho Wekhwalthi Yomoya- NEM:AQA (Umthetho ongu-39 wango-2004).
- Ilayisense Yokuphathwa Kodoti ngokuya ngezidingo Zokuphathwa Kwemvelo Zikazwelonke: Umthetho Kadoti- i-NEM:WA (Umthetho ongu-59 wango-2008).
- I-Water Use Licence (WUL) ngokuya Ngomthetho Wamanzi Kazwelonke – i-NWA (Umthetho ongu-36 wango-1998).

Imisebenzi ecacisiwe efakwe kuhlu ye-EIA kanye/noma ukusetshenziswa kwamanzi kuzoqinisekiswa ngesikhathi senqubo.

Umfaki sicelo ufisa ukuthuthukisa i-Combined Cycle Gas Turbine (i-CCGT) Power Plant Kusiteshi Samandla sase-Kelvin. Amandla akhiqizwayo azolinganiselwa ku-600 megawatts. Imboni Yamandla ye-CCGT izofaka i-H class gas turbine eyodwa, i-boiler yokutakula kanye ne-steam turbine. Izakhiwo ezinkulu ezifaka iplanti zifaka ukwakhiwa kwe-gas turbine, ukwakhiwa kwe-steam turbine, iplanti lokulashwa kwamanzi, isikhiqizi ze-steam sokuphinda kutholwe kokushisisa, umbhoshongo wokupholisa osalungiswa osebenza ngesandla, isiteshi esingaphansi se-EHV, isitaki sokokukhipha, izakhiwo ezisizayo kanye nezakhiwo zokuqondiswa. Enye ingqalasizinda engaba khona ifaka olayini bamapayipu abangeziwa bamanzi nabalashiwe bokuhlinzekwa kwendle kwamanzi kadoti, kanye nolayini bokudluliselwa kogesi kusiteshi esingaphansi se-CityPower Sebenza esibhekene nesiteshi samandla.

Iphrojekthi ephakanyisiwe itholakala Kufamu yase-Zuurfontein engu-33-IR eyingxenywe engu-391 R/E, Kumasipala Wedolobha lase-Ekurhuleni, Esifundeni sase-Gauteng. Isayithi licishe libe ngu-4km Entshonalanga Ningizimu Nontshanalanga kwase-Kempton Park CBD. Iphoyinti eliphakathi nendawo lesayithi ngesilinganiso ngu-26° 6'45.84"S, 28°11'36.42"E.

I-EIMS izolandela izinqubo ezichazwe Ekuqondisweni kwe-Environmental Impact Assessment (EIA) (i-GRN982 yango-2014, njengoba kushintshiwe) ngokwenza inqubo ye-Scoping neye-EIA. Ngokuya Ngesahluko 6 Sokuqondiswa kwe-EIA, inqubo yokubamba iqhaza esesidlangalaleni izokwenziwa. Lapha uyamenywa ukuthi ubhalise uphinde ubeke amazwana kuphrojekthi ephakanyisiwe nokufakwa kwezicelo. Ukuze uqinisekise ukuthi uyahlonzwa futhi ubhaliswe njenge-I&AP nokuthi amazwana akho ayathathwa, sicela uthumele igama lakho, imininingwane yokuxhumana, isizathu sentshisekelo yakho, ekubhaleni noma ngocingo, ku-EIMS. Sicela uqaphele ukuthi i-I&AP kuphela ebhalisiwe ezokwaziswa ngolwazi oluzayo lwephrojekthi kanye namathuba okubamba iqhaza. Ngokubhalisa njengohlangothi olunentshisekelo noluthintekayo uvumela ukuqoqwa nokucutshungulwa kwedatha yakho siqu njengokuya Kwesaziso Sobumfihlo se-EIMS esitholakala ku-www.eims.co.za/public-participation. Ukuze kugwenywe ukuphuthelwa amathuba ekubambeni iqhaza esidlangalaleni sicela uthumele ukubhaliswa kwe-I&AP, noma eminye imibuzo, amazwana, noma ukukhathazeka ngokuphathelene nalesi sicelo, ngokushesha okungakhoneka ku-EIMS lapha:

Umuntu Oxhunywayo: U-Jolene

Inombolo Yenkombe ye-EIMS: 1607

Ikheli Leposi: P.O. Box 2083; Pinegowrie; 2123

Ucingo: (011) 789 7170/ Ifeksi: (086) 571 9047

I-imeyili: Kelvin@eims.co.za

Sicela ufake inombolo yenkombe yephrojekthi engu-1607 kukho konke ukubhalwa.

Olunye ulwazi luzotholakala ku- www.eims.co.za/public-participation/. Sicela wazi ukuthi uma kungenzeka ukuthi ungakwazi ukufinyelela kuwebhusayithi ngenxa yemikhawulo yedatha sicela uxhumane ne-EIMS ngokunye ukuhlelwa.

Sicela ukhululeke ukuxhumana nosayinile phansi uma unemibuzo noma ukukhathazeka.

APPENDIX C6

SCOPING REPORT AVAILABILITY & OPEN DAY NOTIFICATION

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or popia@eims.co.za

15 March 2024

Our ref: 1607/JP/jw

To whom it may concern

Dear Registered Interested and Affected Party:

NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT, IN THE EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE, SOUTH AFRICA.

As a registered Interested and Affected Party (I&AP) for the above-mentioned project, you are hereby notified of the following opportunity/ies for public participation:

Description of event:	Availability of Draft Scoping Report for Public Review and Comment
Where:	A hard copy of the report can be viewed at the Kempton Park Library (Cnr Swart and Pretoria Road) An electronic copy of the report can be downloaded from the EIMS website: https://www.eims.co.za/public-participation/
When:	Comments to be submitted until 17 April 2024
Description of event:	Public Open Day
Where:	A public open day will be held at the Kelvin Estate Club House (Kelvin Estate Club House, Cnr Starling & Cape Wagtail Street, Kelvin Estate, Spartan)
When:	From 16:00 to 19:00 on 3 April 2024

All inputs received by EIMS will be included in subsequent submissions to the relevant competent authorities for consideration in their decision-making process.

To avoid missing out on opportunities for public participation please submit I&AP registrations, or any queries, comments, or concerns with regards to this application, to EIMS at:

Contact Person: Jolene Webber

EIMS Reference Number: 1607

Postal Address: P.O. Box 2083; Pinegowrie; 2123

Telephone: (011) 789 7170/ Fax: (086) 571 9047

E-mail: kelvin@eims.co.za

Please include the project reference number 1607 in all correspondence.

A 8 Dalmeny Road, Pine Park, Randburg | PO Box 2083, Pinegowrie 2123, South Africa
T (011) 789-7170 | F (086) 571- 9047

A Regus Business Centre, 14 Stewart Drive, Berea, East London
T (043) 722-7572 | F (086) 571- 9047

W www.eims.co.za | E mail@eims.co.za | Co Reg 1992/005927/07 | VAT 489 013 9027

Directors: L Whitlow, A Smith.

Further information will be available at www.eims.co.za/public-participation/. Please note that in the event that you are unable to access the website due to data constraints please contact EIMS for alternative arrangements.

Please feel free to contact the undersigned if you have any queries or concerns.

Kind Regards,

Jolene Webber

Kothintekayo

Mnumzane noma Nkosazana Othandekayo:

ISAZISO ESIPHATHELENE NETHUBA LOKUBAMBA IQHAZA KWINKUBO YOKUGUNYAZWA YOKUFAKA ISICELO ESIPHAKANYISIWE SEPLANTI YESIKHUNGO SAMANDLA SE-KELVIN ESIHLANGANISIWE SOMJIKELEZO KAGESI, KUMASIPALA WEDOLOBHA LASE-EKURHULENI, KUSIFUNDA SASE-GAUTENG, ENINGIZIMU AFRIKA.

Njengomuntu onentshisekelo nothintekayo (I&AP) obhalisiwe kulo msebenzi oshiwo ngenhla, waziswa ngaleli thuba/amathuba alandelayo okubamba iqhaza komphakathi:

Incazelo Yomsebenzi:	Ukutholakala Kombiko Osalungiswa Wesikophu ukuze Ubuyekwezwe Umphakathi futhi Uphawule
Indawo:	Ikhophi ephrintiwe yalo mbiko izoba se-Kempton Park Library (Cnr Swart and Pretoria Road)
	Ikhophi e-elekhtronikhi yombiko ingatholakala kuwebhusayithi ye-EIMS: https://www.eims.co.za/public-participation/
Isikhathi:	Amazwi okuphawula kumele athunyelwe engakadluli umhla ka-17 Ephreli (uMbaso) 2024
Incazelo Yomsebenzi:	Umhlangano Womphakathi (Open Day)
Indawo:	Umhlangano womphakathi uzoba Kelvin Estate Club House (Kelvin Estate Club House, Cnr Starling & Cape Wagtail Street, Kelvin Estate, Spartan)
Isikhathi:	Kusukela ngo-16:00 ukuya ku-19:00 ngomhla ka-3 Ephreli (uMbaso) 2024

Wonke amazwi okuphawula i-EIMS ezowathola azofakwa eziphakamisweni eziya kuziphathimandla ezifanele ukuze ziwahlole lapho sezenza izinqumo.

Ukuze ugweme ukuphuthelwa amathuba okubamba komphakathi iqhaza, sicela uthumele imininingwane yakho yokubhalisela ukuba yi-I&AP, nanoma yimiphi imibuzo, ukuphawula, noma ukukhathazeka mayelana nalesi sicelo, e-EIMS:

Umuntu othintwayo: U-Jolene Webber

Inombolo Yenkomba ye-EIMS: 1607

Ikheli Leposi: P.O. Box 2083; Pinegowrie; 2123

Ucingo: (011) 789 7170/ Ifeksi: (086) 571 9047

I-imeyili: kelvin@eims.co.za

Sicela ufake inombolo yenkomba yeprojekthi engu-1607 kukho konke ukubhalwa.

Olunye ulwazi luzotholakala ku- www.eims.co.za/public-participation/. Sicela wazi ukuthi uma kungenzeka ukuthi ungakwazi ukufinyelela kuwebhusayithi ngenxa yemikhawulo yedatha sicela uxhumane ne-EIMS ngokunye ukuhlalwa.

Sicela ukhululeke ukuxhumana nosayinile phansi uma unemibuzo noma ukukhathazeka.

Ozithobayo,

Jolene Webber

APPENDIX C7

PUBLIC OPEN DAY RECORD

EIMS Ref	1607	Venue	Kelvin Estate Club House	Date	3 April 2024
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I&AP Name	Comment	Response
Mark Jansen Van Rensburg	Prior to the commencement of the tour, Mr Van Rensburg stated interest in how gas could be better than coal, and expressed excitement over whether gas would reduce the amount of soot from coal that affects their properties.	<p>Comments were noted.</p> <p>EAP: The CCGT plant would produce significantly less particulate matter than Kelvin's current coal fired power station. Detailed modelling of the air pollutants will be made available during the EIA phase when the Air Quality specialist study has been undertaken.</p>
	Question on how much space is needed for solar power plants to generate the same energy output.	EAP: Solar developments typically require quite a lot of land at approximately 2 hectares per megawatt as such it would not be feasible considering the available space at the Kelvin owned property on which the CCGT plant is planned.
	Asked if the project is more 'green' and what the implications would be for Eskom and loadshedding.	<p>EAP: The proposed CCGT plant will be producing up to 600MW of electricity using a gas powered turbine and a steam powered turbine that will be powered by the heat produced by the gas turbine increasing the efficiency of the plant. The proposed CCGT plant has less emissions compared to a traditional coal fired power station.</p> <p>The proposed Kelvin Power Station is an intended IPP project to be submitted in the IPP bid window to supply/sell the power produced to the Eskom grid meaning it will contribute to the electricity available to Eskom as such could assist with loadshedding although it will only be worth up to 600MW capacity.</p>
	Commented on the amount of 'red' in the wind rose diagram.	EAP: Explained that the diagram presents the baseline prevalent wind directions as per the monitoring stations.
	Stated that sometimes a loud 'valve' at the power station goes off and shakes their house. Expressed concern over the noise affecting the schools.	<p>EAP: confirmed that an Air quality and noise study would be undertaken to model the potential noise impacts from the proposed development.</p> <p>Client: stated that the proposed CCGT plant will be fitted with silencers and noise proofing where possible as this is standard industry practice to reduce noise impacts.</p>
	Asked if all the cooling towers will be demolished. Asked if some of the buildings could be preserved as they are historic.	EAP: The old A-station cooling towers would be demolished, however, the decommissioning application for the A-station was undertaken as part of a separate application and has been granted an EA. The HIA undertaken during

EIMS Ref	1607	Venue	Kelvin Estate Club House	Date	3 April 2024
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I&AP Name	Comment	Response
		that process stated that some of the old machinery was to be kept at a museum.
	Commented that EIMS is doing a good job with the process and thinks that the project will be good.	EAP: thanked Mr Van Rensburg for his comments and stated that if he had any further comments he could make use of the email provided to submit his comments in writing to EIMS.
	Stated that he has no negative comments to share at this stage and said that he would provide a positive comment.	Comment noted.
Wayne Bruun	Mentioned privately owned land that used to be owned by Kelvin during discussion of the site alternatives.	Comment noted.
	Asked what the monetary value of the project will be.	EAP: The CAPEX value of the project was included in the scoping report and the I&AP was informed on where this information could be accessed.
	Commented on the amount of noise that comes from the plant.	EAP: stated that an Air quality and Noise Impact Study would be undertaken to model the potential noise impacts from the proposed development. Client: stated that the proposed CCGT plant will be fitted with silencers and noise proofing where possible as this is standard industry practice to reduce noise impacts.
	Asked whether the air quality effects of gas could be worse than coal.	EAP: The air quality impacts of the proposed development would most likely be significantly lower than that of coal fired power stations, however, the EAP explained that the Air Quality Impact Assessment would not be done to compare the air emissions of a CCGT plant and that of the coal fired plant but will be compared to the baseline condition and the various applicable standards and regulations.
	Stated that he has been on the EIMS website before.	Comment was noted.
	Asked if EIMS is being paid to conduct the open day and stated that EIMS is doing a good job.	EAP: stated that EIMS are being paid and are hired as independent environmental consultants by Kelvin Power to undertake the environmental authorisation process. The EAP thanked them for their comment regarding the open day.

EIMS Ref	1607	Venue	Kelvin Estate Club House	Date	3 April 2024
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I&AP Name	Comment	Response
	Commented that 'they' will hopefully stop stealing the equipment (with the new proposed development).	Comment was noted.
Japie Smith	Asked who EIMS is and what their involvement is.	EAP: stated that EIMS are hired as independent environmental consultants by the client (Kelvin Power (Pty) Ltd) to undertake the environmental authorisation process.
	Asked who will be involved in the construction.	EAP: That will happen later once approvals are in place – it has not been determined yet who will construct the plant.
Robert Couperthwaite	Stated that there was no mention of electricity generation in the literature.	EAP: Provided images of the CCGT, generator to be added to the project description.
	Asked about the usage of diesel.	Client: The diesel will be used for the emergency generators to start the plant when the plant is not connected to external energy supply.
	Asked about the off-takers of the electricity.	Client: The off-takers will be Eskom via the Sebenza substation to the Eskom substation.
	Who will own this? City Power?	Client: Kelvin owns the power station, Kelvin intends to sell the electricity to Eskom through the IPP process. The electricity will be distributed via the Eskom grid.
	Stated that the country needs the additional 600MW of power.	Comment was noted.
	Stated that he has a company north of the proposed site area and is concerned about the pollution. Stated concern about the air quality and particulate matter fallout.	EAP: The proposed CCGT plant will produce significantly less pollution than the current Kelvin Power B-station. However, accurate results and models will be provided by the air quality specialist reports during the EIA phase. Client (Lavhe): The cooling towers and stacks will be short (15m).
	Enquired if Kelvin is South African owned or if it is funded by foreign investments.	Client (Lavhe): Stated that Kelvin is a South African registered private company.
	Supports the idea of the proposed development on the brownfield site.	Comment was noted.
Stated that roads around Kelvin have deteriorated ever since Kelvin switched from receiving coal via trains to transportation by truck. Damage of roads by coal trucks was impacting them.	EAP: The proposed CCGT plant is only anticipated to have impacts on traffic during construction activities when the various parts and construction material is being delivered to site and potentially more traffic as a result of transportation of staff members. However, post construction there is no anticipated traffic impacts as the gas required to power the CCGT will be	

EIMS Ref	1607	Venue	Kelvin Estate Club House	Date	3 April 2024
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I&AP Name	Comment	Response
		piped in from the existing Sasol gas pipeline and as such will not cause any traffic related issues
	Asked if there will be relocation of homes.	EAP: No homes will be relocated.
	Summary of comments: Stated that buildings that can be preserved must be done to preserve the heritage of the site. Stated interest in the modelling of the noise and air quality. Stated that it is an industrial area and therefore has no concerns during construction as the area is already very busy. Stated interest in opportunities for work (as he is an engineer).	Comments were noted. EAP: Encouraged Robert to provide comments on the report by 17 April 2024.
Phil Bishop	Asked when the project will happen.	EAP: Expected EA mid-2025, construction period 2025-2028, and operational in 2029.
	Are they demolishing and rebuilding?	EAP: The A-station would be demolished, however, the decommissioning application for the A-station was undertaken as part of a separate application and has been granted an EA.
	Stated that he lives in Kelvin Estate and that all the houses used to be owned by Kelvin.	Comment noted.
	Concerned about the towers being demolished and the new structures being built. Asked whether there will be any explosions as he is concerned about his house and towers falling on his home.	Client: Demolition will likely be explosives. The removal of rubble will take a while but the rubble could possibly be reused.
	Asked about the timelines for construction.	Client: Construction will take approximately 3 years.
	Do they want the other plant to do the same thing?	Client: They are unsure at the moment based on the current energy strategy.
	Asked about what could be stolen.	EAP & Client: There will be good security measures, fences, etc.
	Asked what emissions that will come from the cooling towers.	EAP: The cooling towers will emit steam.
	Asked if steam is 'greener'.	EAP: The emissions will be cleaner than coal. An Air Quality specialist will conduct an Air Quality Impact Assessment, and some of the concerns that will be considered include emissions such as nitrous oxides. A presentation will be done to disseminate the information from the specialist studies and recommendations. The EAP explained the process of the public participation and the aim of soliciting input, comments/concerns from the public.

<i>EIMS Ref</i>	1607	<i>Project Name</i>	KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT
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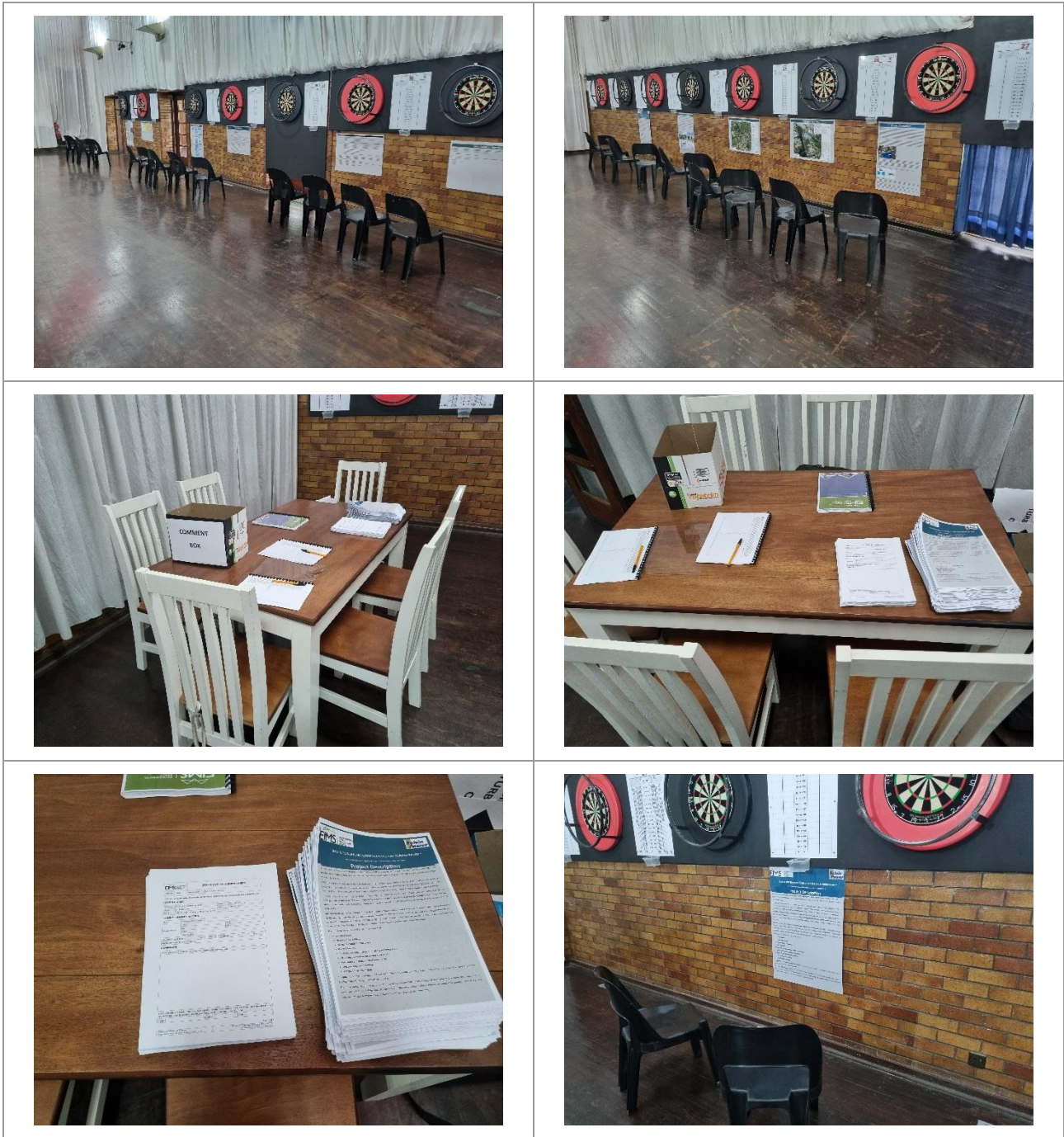
OPEN DAY DETAILS

Town	Venue	Time and Date
Spartan	Kelvin Estate Club House (Kelvin Estate Club House, Cnr Starling & Cape Wagtail Street, Kelvin Estate, Spartan)	3 April 2024, 16:00-19:00

PHOTOGRAPHS



<i>EIMS Ref</i>	1607	<i>Project Name</i>	KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT
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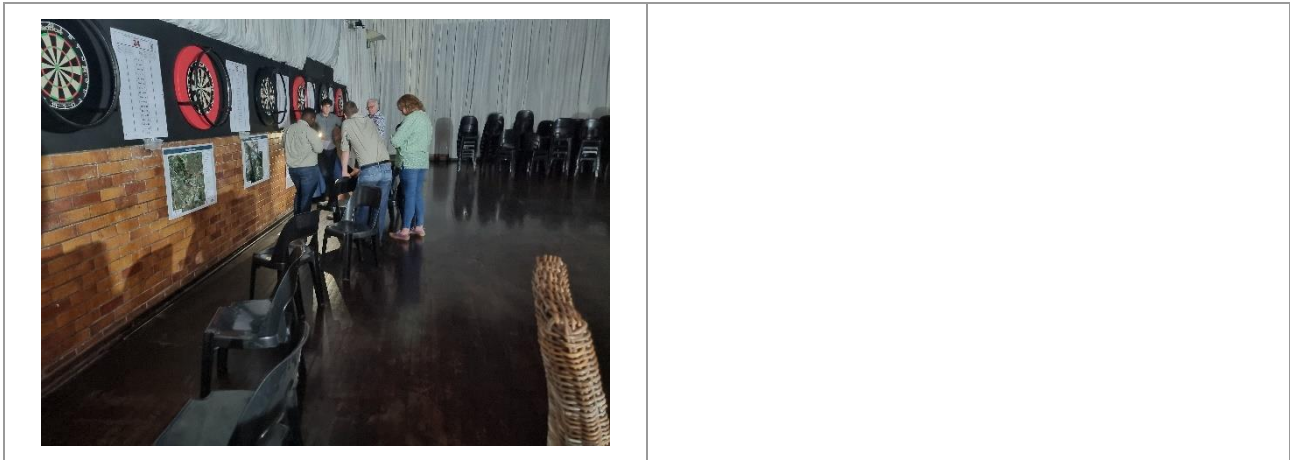


<i>EIMS Ref</i>	1607	<i>Project Name</i>	KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT
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PUBLIC OPEN DAY RECORD

<i>EIMS Ref</i>	1607	<i>Project Name</i>	KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT
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KELVIN POWER PLANT COMBINED CYCLE GAS TURBINE PROJECT

EAP: Environmental Impact Management Services (Pty) Ltd (EIMS)

Project Description

Kelvin intends to construct a **Combined Cycle Gas Turbine (CCGT) power plant** with generation capacity of up to **600 MW** at the **previous Kelvin A-station site area**. Kelvin aims to supply the electricity generated via the CCGT process to Eskom through a Power Purchase Agreement.

A CCGT power plant burns natural gas to produce electricity in a two staged process, creating a pressurised gas which powers a gas turbine that is connected to a generator. A CCGT refers to a gas turbine consisting of a heat recovery system generator that captures exhaust heat produced by the gas turbine to power a steam turbine to produce additional power to run a generator.

The CCGT Power Plant will comprise of gas turbines, heat recovery boilers and steam turbines (with associated High Voltage switchgear and control gear). The gas turbines will receive **natural gas** from the **Sasol gas pipeline network** into the gas turbine where the combustion will take place producing mechanical energy that is converted by a generator to electric power and a hot exhaust gas.

The hot exhaust gas will be captured by the **heat recovery boilers** where treated water will be heated producing high pressure steam with high potential energy. The steam will be moved to the steam turbines where the potential energy contained in the steam will be converted to mechanical energy powering a generator that will produce electricity. The steam is then discharged into a condenser where it is then collected and returned to the boiler to produce more steam (recycling).

The proposed Kelvin Power CCGT plant will consist of :

- **A control room**
- **Steam turbine building**
- **Mechanical draft Cooling tower**
- **Gas turbine unit**
- **Heat recovery steam generator (HRSG) and HRSG stack**
- **Water treatment plant for cooling tower water**
- **Raw water and demineralised water tanks**
- **Fuel gas compressor building**
- **A High Voltage switchyard.**

A **laydown area** has been identified and will be located towards the eastern boundary of the site where the current A-station cooling towers (to be demolished) are located.

The CCGT configuration will allow for the use of the **waste heat** for production of electricity thus allowing for production of electricity with the use of less fuel. The proposed power plant is anticipated to require gas supplied at approximately 40 bar and will consume approximately 21 kg/s with a net efficiency of approximately 60%.

Project Description Continued

The proposed CCGT includes MV to EHV step-up transformers to raise the voltage to the grid specification. Electricity generated at the Kelvin Power CCGT Plant will be evacuated from the plant by means of new **275kV lines** (or possibly cables) from the generating plant to the **Sebenza 275/88kV Substation located adjacent (250m) to the proposed CCGT plant**. The Sebenza Substation already has bays allocated for the integration of Kelvin Power within the substation network. The Sebenza Substation is connected to the Eskom grid via two 275kV powerlines to Prospect Substation each with a transfer capacity of 625MVA .

Kelvin Power also aims to construct a **diesel storage area** and a **chemical stores area** whose combined capacities could exceed 500 cubic metres. The exact quantities are to be confirmed during the EIA phase.

Water from the **Diepsloot Waste Water Treatment Works**, will be supplied through an **existing pipeline network**. Process water will be sprayed within the Cooling Tower for cooling and the turbine exhaust steam that will be recirculated within the system. **A Water Treatment Plant** will be installed to supply makeup water from system losses. Waste water will be treated in an Effluent Treatment Pant. Treated effluent water meeting required standards will be **discharged via the existing Kelvin Power effluent discharge point** into the Modderfontein river channel.

Commission of the proposed CCGT plant is expected to occur around **2027/2028**. The planned operational life cycle of the proposed CCGT plant is at least **20 years** from commissioning.

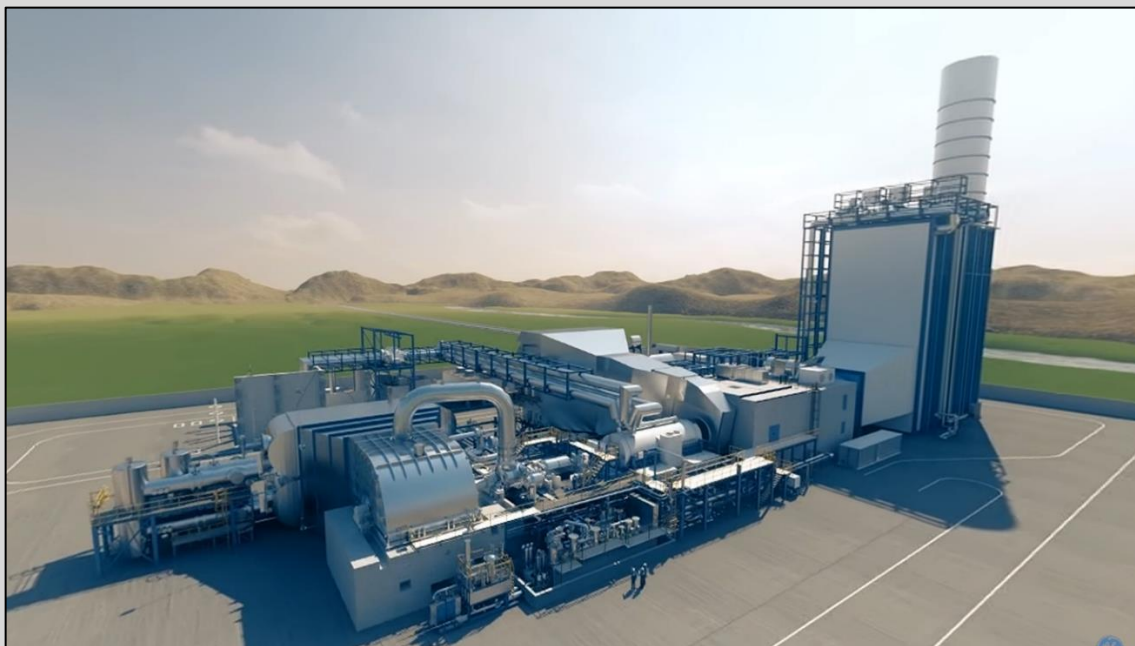
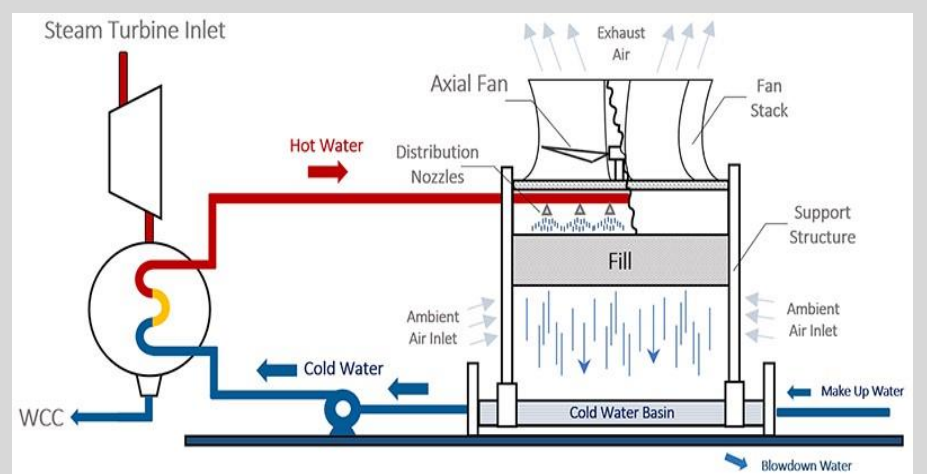
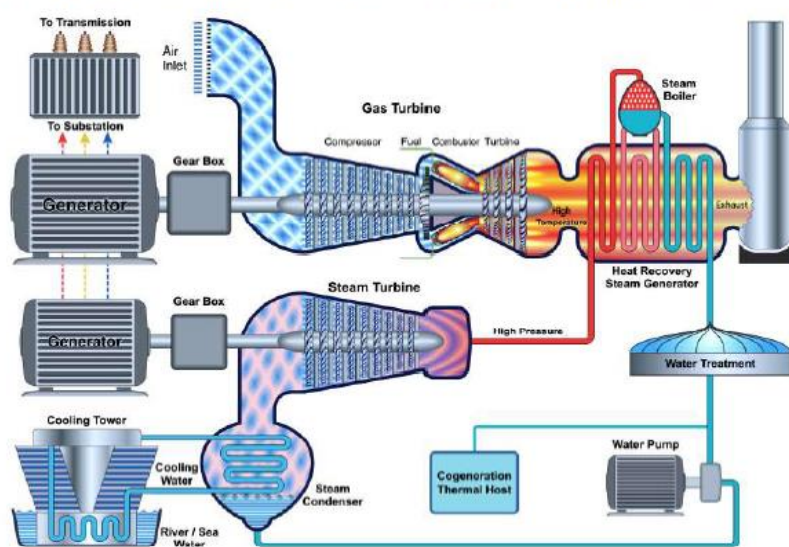


Figure 1: Combined-cycle power system using a gas turbine generator with heat recovery steam generator



Representations showing a typical CCGT Plant (Left) & Representations showing typical mechanical cooling tower (Right)

Project Alternatives

LOCATION OR PROPERTY ALTERNATIVES

Location alternatives are normally a major consideration when developing a new facility to assess the various benefits and impacts of the proposed site. However, in this case the proposed new CCGT Plant can be constructed within land already designated suitable for Power Plant generation and furthermore can piggyback onto existing approved systems negating many of the approvals needed for a virgin land development. Kelvin Power made the strategic decision to locate the proposed CCGT development in the City of Ekurhuleni within the Gauteng Province where Kelvin owns the property on which the development is proposed. The property currently has an existing operational power plant, Kelvin B station and a decommissioned plant, Kelvin A station. The property has existing spatial area to accommodate the individual components of the proposed developments (e.g. the location of the CCGT and associated infrastructure within the study. Kelvin owns the remainder of portion 391 (RE/391) of farm Zuurfontein (33) on which the proposed development will be constructed. The proposed CCGT plant is to be located where the coal fired A-station, currently undergoing a decommissioning process, is located. As mentioned above this portion of property was previously used for power generation and therefore will not require change of use permitting. This modern facility will be sited alongside the currently operational B-station. As such, no alternative properties were considered for this development. Furthermore, the proposed site is located within the South African load centre where demand for power is at its highest thus negating the need for extensive transmission line infrastructure that would be required to evacuate the power to Gauteng should the plant be located remote from the load centre.

DESIGN OR LAYOUT ALTERNATIVES

Design and layout alternatives along with spatial configurations were considered for the proposed development in order to enhance the positive and to reduce the negative impacts. During the prefeasibility studies alternative layout analysis was undertaken for the proposed CCGT plant. The layout alternative analysis took into consideration two main factors, namely, available land and equipment layout. The assessment for the optimum location for the proposed development considered many aspects such as the decommissioning and demolition of the A-station infrastructure including the three cooling towers and location of existing servitudes, environmental, social, health and safety aspects and requirements both during construction and operational activities, as well as the need for temporary laydown areas, traffic, access and egress and optimisation and utilisation of existing infrastructure. The area coloured in dark green below was assessed as the optimum location for siting the CCGT facility. An overview of the available land assessment is represented in below.

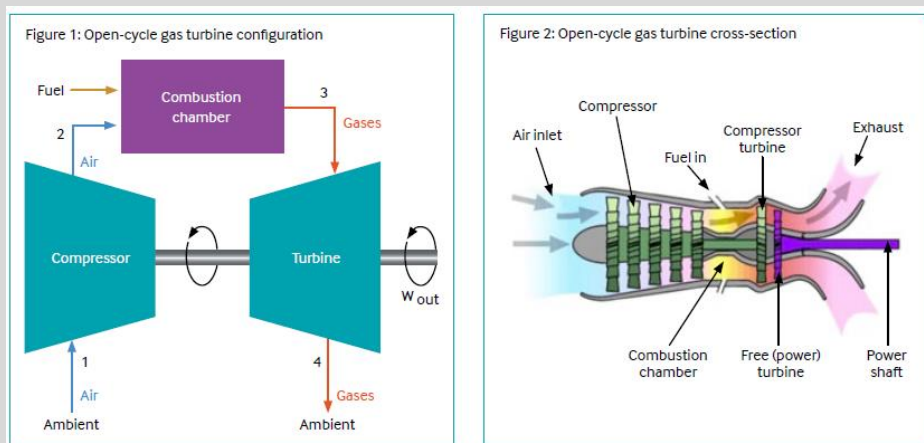


It was noted that the decommissioning of the A-station building including stacks could potentially take longer than the targeted construction start date of the proposed CCGT plant due to removal of asbestos in A-station. As such, the A-station building area is considered as unavailable land for the project and will be avoided by the layout. The optimum land siting area for locating the proposed CCGT plant is the area on which the existing A-station cooling towers, workshop, coal store and conveyor belts, East and West wagon tipplers, track hopper and weigh bridge sites are current located. These facilities are currently undergoing decommissioning/demolition activities as part of the redevelopment programme.

On the available land identified above for redevelopment, a detailed analysis was undertaken of each of the proposed layout design submitted for optimisation of the CCGT plant and associated auxiliary equipment. Following consideration of the various layout designs being proposed i.e., demolition, construction, commissioning, operational, maintenance, environmental, social, health and safety as well as access during these phases. Having identified the optimum configuration for CCGT plant layout, additional cognisance was considered for the placement of cooling towers downstream of prevailing winds, minor adjustments to the substation and evacuation transmission line's location, as well as the proximity of gas turbine and cooling tower to neighbours. See preliminary layout mapping below.

TECHONLOGY ALTERNATIVES

Two types of technologies are currently in place for power generating gas turbines, namely, Open Cycle Gas Turbines (OCGT) and Combined Cycle Gas Turbines (CCGT).



OPEN CYCLE GAS TURBINES (OCGT)

OCGTs are described in International Association of Oil & Gas Producers (IOGP) (2022) as the simplest application of gas combustion for power/electricity generation. OCGTs consist of only a gas turbine and do not recover any waste heat released during the combustion process. OCGTs are thus deemed as less efficient compared to technologies that utilises the extra heat for heating or extra power production. IOGP (2022) highlights that due to the decreased efficiency of an OCGT turbine, more fuel is required per unit power output. The use of OCGT turbines therefore tends to result in increased GHG emissions.

COMBINED CYCLE GAS TURBINE

CCGT power plants refer to a gas turbine system with an additional component known as a heat recovery steam generator (HRSG) for cogeneration. IOGP (2022) defines cogeneration as a process where waste heat recovered from the gas turbine exhaust is further utilised to drive a steam turbine and associated generator for the generation of additional power. CCGT are noted to be more efficient than OCGTs as they can produce more power from less fuel, thus contributing to lower GHG emissions.

Turbine Options A pre-feasibility study was undertaken for the development of a gas power plant with a power output of up to 600 MW. Various gas turbine technologies and configurations were considered. The gas turbine technologies that were considered included the F, H and J class gas turbines as these plants have the highest gas to power conversion efficiencies.

Scoping and EIA Process















Locality Map

Locality Map

1607 Kelvin Power Station CCGT EIA WULA

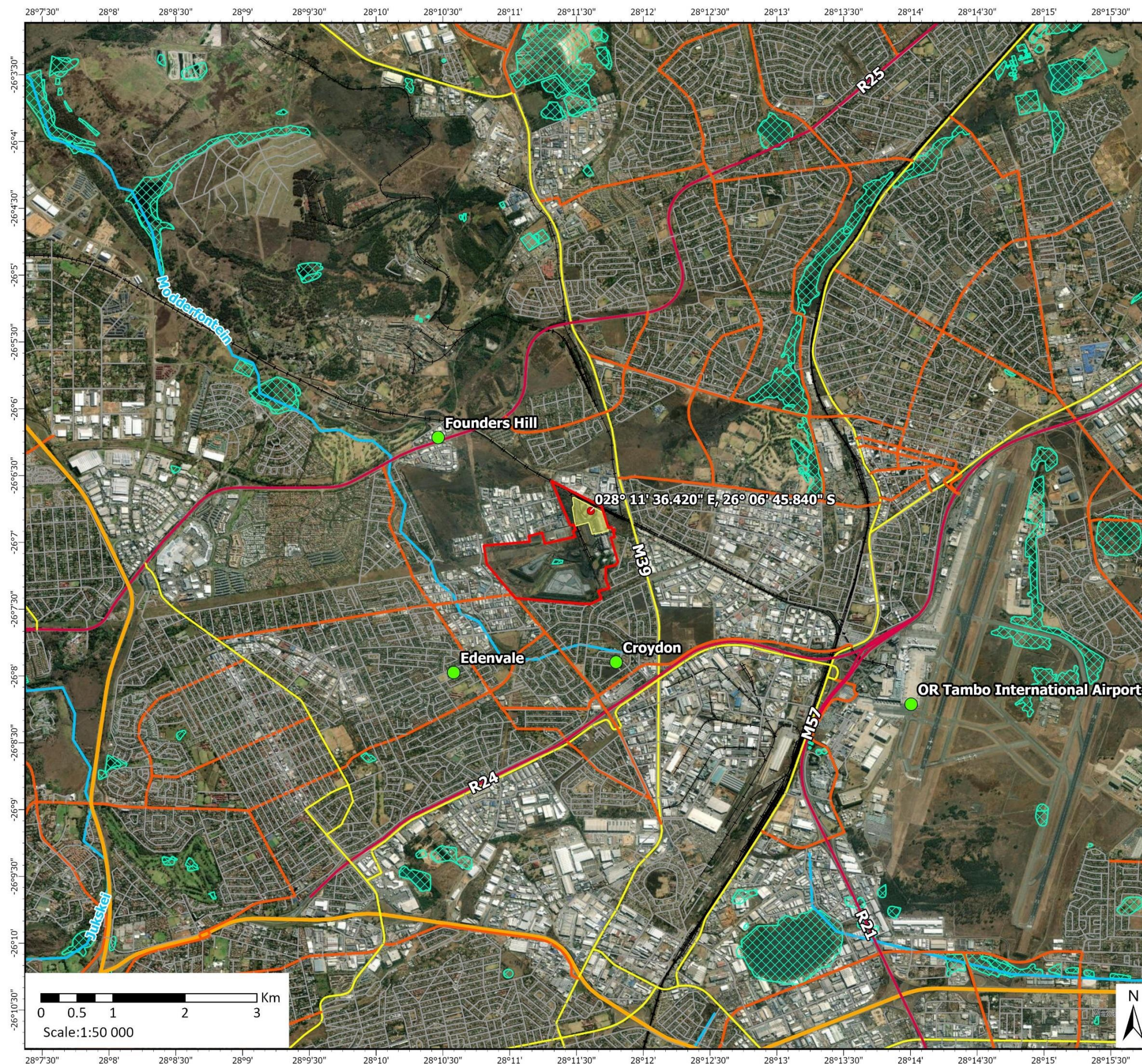
Legend

-  Kelvin Power Station Boundary
 -  Proposed Kelvin CCGT Power Plant
 -  Centre Point of Site
 -  NFEPA Rivers
 -  NFEPA Wetlands
 -  Places
 -  Railway
- Roads**
-  National Freeway
 -  Arterial Route
 -  Secondary Road
 -  Main Road
 -  Street

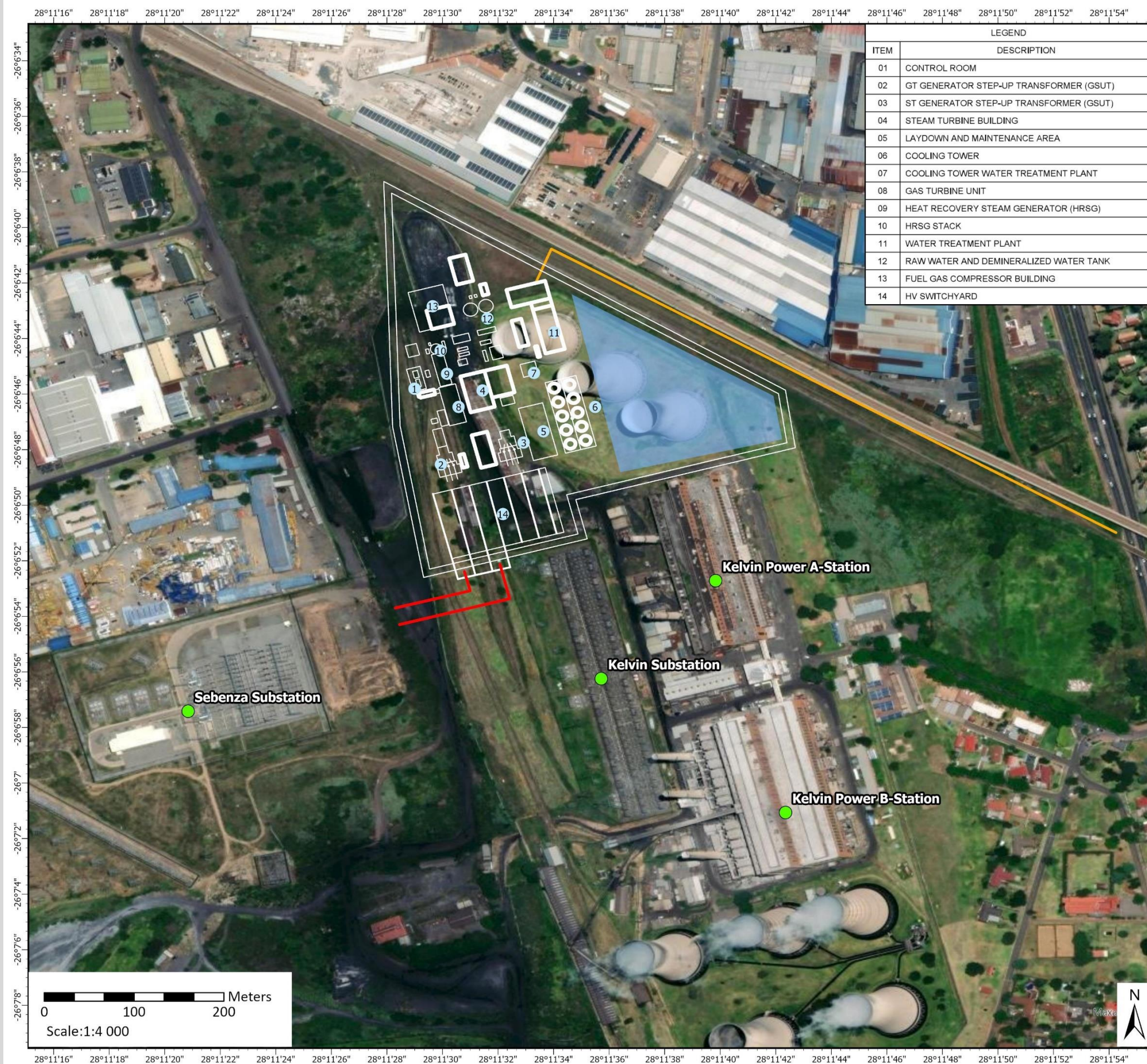


Data Sources:
 CSG; ESRI
 Coord System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Ref: 1607_Locality_1

Date: 2024/03/08
 EIMS Ref: 1607
 Compiled: JW
 Reviewed: JP
 Approved: LW



Preliminary Layout Map



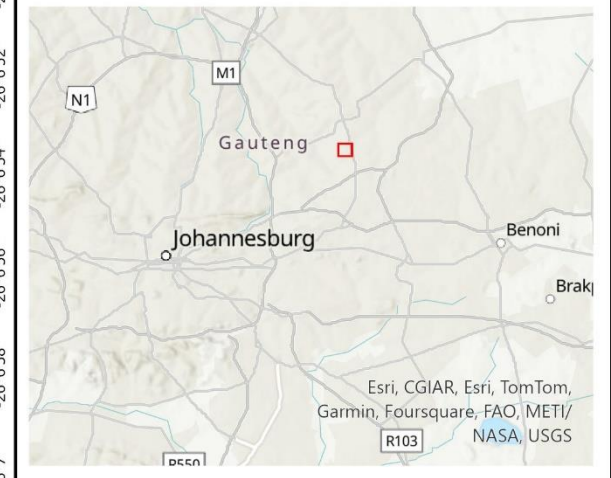
LEGEND	
ITEM	DESCRIPTION
01	CONTROL ROOM
02	GT GENERATOR STEP-UP TRANSFORMER (GSUT)
03	ST GENERATOR STEP-UP TRANSFORMER (GSUT)
04	STEAM TURBINE BUILDING
05	LAYDOWN AND MAINTENANCE AREA
06	COOLING TOWER
07	COOLING TOWER WATER TREATMENT PLANT
08	GAS TURBINE UNIT
09	HEAT RECOVERY STEAM GENERATOR (HRSG)
10	HRSG STACK
11	WATER TREATMENT PLANT
12	RAW WATER AND DEMINERALIZED WATER TANK
13	FUEL GAS COMPRESSOR BUILDING
14	HV SWITCHYARD

Preliminary Layout Map

1607 Kelvin Power Station CCGT EIA WULA

Legend

- Places
- Laydown Area
- 275kV Powerline
- Preliminary Gas Pipeline Route



Data Sources:
 CSG; ESRI
 Coord System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Ref: 1607_SiteLayout_1

Date: 2024/03/08
 EIMS Ref: 1607
 Compiled: JW
 Reviewed: JP
 Approved: LW

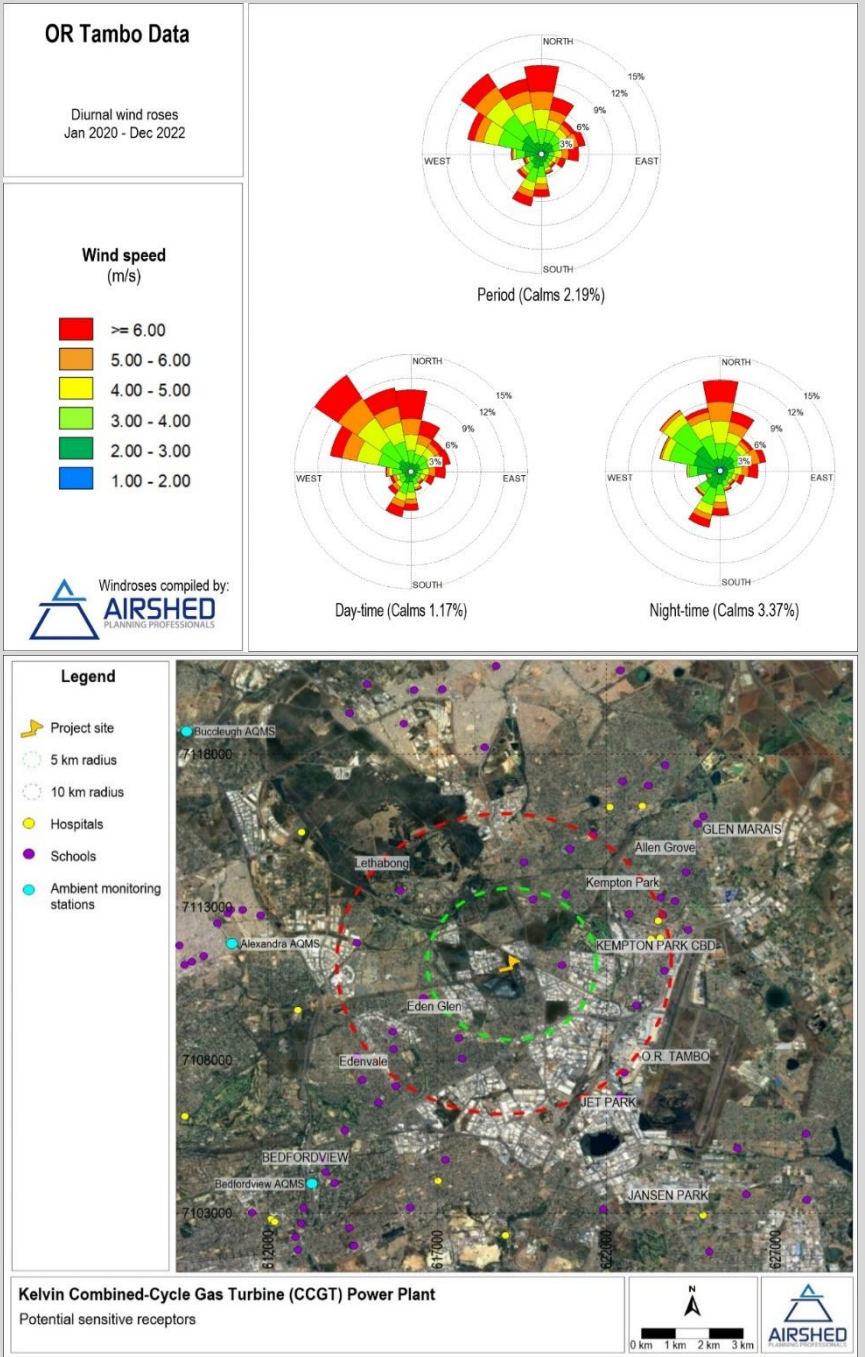
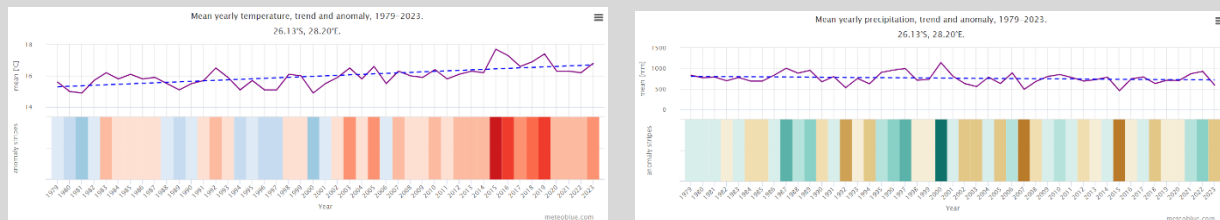


Baseline Environment

Noise: The main meteorological parameters affecting the propagation of noise include wind speed, wind direction and temperature. These along with other parameters such as relative humidity, air pressure, solar radiation and cloud cover affect the stability of the atmosphere and the ability of the atmosphere to absorb sound energy. Wind speed increases with altitude. This results in the 'bending' of the path of sound to 'focus' it on the downwind side and creating a 'shadow' on the upwind side of the source. Depending on the wind speed, the downwind level may increase by a few dB but the upwind level can drop by more than 20 dB. It should be noted that at wind speeds of more than 5 m/s, ambient noise levels are mostly dominated by wind generated noise. Meteorological data from the OR Tambo SAWS meteorological station, for the period 2020 to 2022, was used for the baseline assessment. The measured data set indicates wind flow primarily from the northwestern sector. During the day the predominant wind direction is from the west-northwest with the predominant wind direction during the night from the north. On average, noise impacts are expected to be more notable to the southeast during the day and to the south during the night. Temperature gradients in the atmosphere create effects that are uniform in all directions from a source. On a sunny day with no wind, temperature decreases with altitude and creates a 'shadowing' effect for sounds. On a clear night, temperatures may increase with altitude thereby 'focusing' sound on the ground surface. Noise impacts are therefore generally more notable during the night.

Air Quality: Air Quality Monitoring Stations (AQMS) within the study area include Buccleugh AQMS (~11.5 km northwest of the project) and Alexandra AQMS (~7.8 km west of the project) both owned by the City of Johannesburg and Bedfordview AQMS (~8.8 km southwest of the project) owned by the Ekurhuleni Metropolitan Municipality. Potential sensitive receptors within 5 km from the project include residential areas, i.e., Esther Park, Edleen, Cresslawn, Kelvin Estate, Croydon, Eden Glen and Illiondale. Residential areas within 10 km from the project site include Edenvale, Kempton Park, and Lethabong

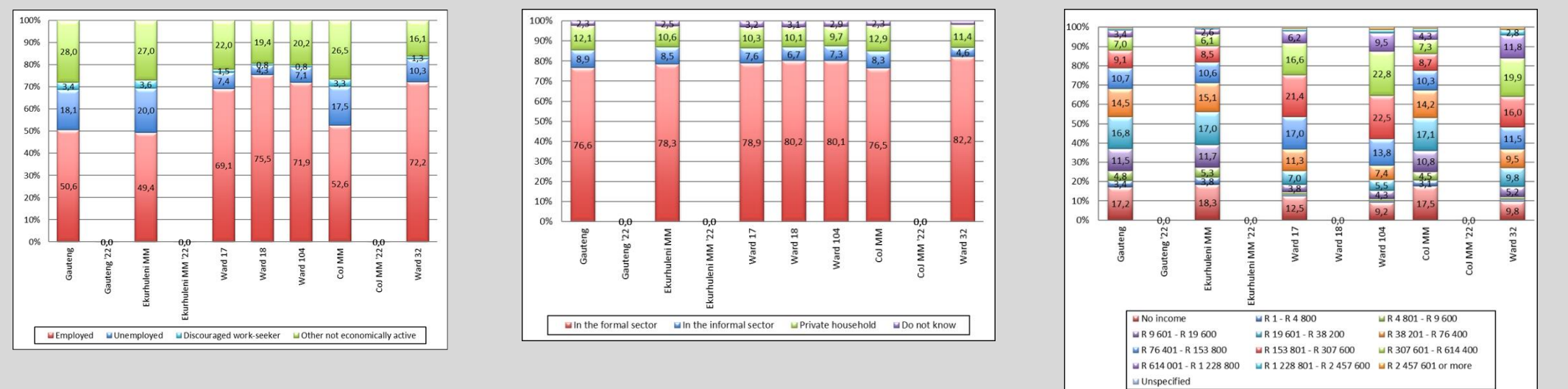
Climate: Recent change in climatic conditions near the project site were accessed from MeteoBlue. Based on a point selected over the project site, an increasing trend in the annual average temperatures have been observed from 15.3°C in 1979 to 16.7°C in 2023. The lower part the first diagram (Below Left) shows the so-called warming stripes. Each coloured stripe represents the average temperature for a year - blue for colder and red for warmer years. The change in rainfall over the same period (1979 – 2023) displays a slight decreasing trend from 807.5 mm in 1979 to 720.1 mm in 2023, where the difference from long-term average for each year in the data set is visualised by the stripes in the lower panel of the 2nd diagram (Below Right) - brown stripes indicate lower than average rainfall and green stripes above average rainfall).



Surface Water: The Kelvin site is situated on the boundary of two quaternary catchments, A21C and A21A, with 97% of the site in quaternary catchment A21C, the Jukskei River catchment. An unnamed tributary drains north-west for approximately 1.1km to confluence with the Modderfonteinsspruit from the catchment of the ash dams where effluent is discharged. The Modderfonteinsspruit confluences with the Jukskei River which drains in a north westerly direction and confluences with the Crocodile River approximately 35 km downstream. The station is situated within an industrial area, however it is also close to a number of residential areas. In addition, there are large areas of Alexandra, located downstream, where it is understood that informal use of water from the Jukskei River occurs. A-station, the area now proposed for the CCGT plant, is located in an area where there are no water resources that would be directly affected by runoff. Drainage from this section is currently via stormwater drains that drain directly to Main Channel which ultimately discharges to Modderfonteinsspruit. Kelvin has implemented a surface water monitoring programme that includes daily monitoring of the effluent and weekly monitoring at the effluent discharge point into the unnamed tributary as well as at points up and downstream of this in the Modderfonteinsspruit.

Cultural Resources: The Kelvin Power Station consists of two independent Stations, namely A-Station and B-Station, with related infrastructure. The original natural and historical landscape has been completely altered over the years since the Power Station was developed and had been in use, and as a result, if any significant cultural heritage (archaeological and/or historical) sites, features or material did exist here in the past it would have been completely destroyed or extensively disturbed as a result. Some of the structures and material related to the Power Station (and in this case A-Station) is however older than 60 years of age and has some cultural heritage (historical) significance. The site proposed for the CCGT plant is the old A-Station site for which approval for decommissioning of the stie has already been obtained, which included a heritage assessment. Much of the machinery and technology associated with A-Station, even if out of date and obsolete, forms part of this history and the way electrical power was generated in the past. This needs to be preserved in some form after the A-Station has been finally decommissioned and demolished. It however has to be noted here that although B Station is slightly younger than A-Station, a large part of the original Kelvin Power Station will be left intact and therefore be preserved as part of the landscape.

Social: The proposed site for the project is located in Ward 17 of the City of Ekurhuleni Metropolitan Municipality that is located in the Gauteng Province. Wards 18 and 104 of the City of Ekurhuleni Metropolitan Municipality and Ward 32 of the City of Johannesburg are in close proximity of the site. CoE is home to the largest airport in South Africa. Ekurhuleni is Gauteng's first aerropolis. This is a metropolis with an airport at its centre. O.R. Tambo International Airport has two terminals handling domestic and international flights. Terminal A handles international traffic and Terminal B domestic flights. The airport services airlines from all five continents and plays a vital role in serving the local, regional, intra-, and inter-continental air transport needs of South Africa and sub-Saharan Africa. It is the biggest and busiest airport in Africa. Census 2022 has not yet released employment data. Census 2011 shows relatively high levels of employment in the area, with the highest proportions of employed people in Ward 18 of the Ekurhuleni MM. It must be noted that these proportions might have decreased since 2011 due to the impact of Covid 19 pandemic and the continual loadshedding implemented by Eskom. The majority of the employed people in the areas under investigation work in the formal sector. Census 2022 has not yet released data on household income. In 2011 Ward 17 of the Ekurhuleni had the highest proportion of households (18.37%) with an average household income of R19 600 or less.



Preliminary Impact Assessment

Impact	Alternative	Phase	Pre-Mitigation							Post Mitigation							Priority Factor Criteria				
			Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation ER	Confidence	Cumulative	Irreplaceable	Priority Factor	Final score
Impacts on Existing Infrastructure and Services	Alternative 1	Planning	-1	1	2	2	3	2	-4	-1	1	2	1	2	2	-3	Medium	2	1	1,13	-3,375
Impacts Due to Communication Inefficiency	Alternative 1	Planning	-1	3	4	4	3	3	-10,5	-1	3	2	2	2	2	-4,5	Medium	2	1	1,13	-5,0625
Impacts on Soils	Alternative 1	Construction	-1	2	2	1	3	3	-6	-1	2	2	1	3	3	-6	Medium	1	1	1,00	-6
Impacts on Soils	Alternative 1	Operation	-1	2	3	1	3	3	-6,75	-1	2	3	1	3	3	-6,75	Medium	1	2	1,13	-7,59375
Impacts on Soils	Alternative 1	Decommissioning	-1	2	2	1	3	3	-6	-1	2	2	1	3	3	-6	Medium	1	1	1,00	-6
Ambient Air Quality Impacts	Alternative 1	Construction	-1	3	2	2	1	3	-6	-1	3	2	2	1	2	-4	Medium	1	1	1,00	-4
Ambient Air Quality Impacts	Alternative 1	Operation	-1	3	4	2	1	3	-7,5	-1	2	4	3	1	2	-5	Medium	3	1	1,25	-6,25
Ambient Air Quality Impacts	Alternative 1	Decommissioning	-1	3	2	3	1	3	-6,75	-1	3	2	3	1	2	-4,5	Medium	1	1	1,00	-4,5
Noise Impacts	Alternative 1	Construction	-1	3	2	3	2	4	-10	-1	3	2	3	2	3	-7,5	Medium	1	1	1,00	-7,5
Noise Impacts	Alternative 1	Operation	-1	3	4	3	3	3	-9,75	-1	3	4	2	3	3	-9	Medium	1	1	1,00	-9
Noise Impacts	Alternative 1	Decommissioning	-1	3	2	3	2	4	-10	-1	3	2	3	2	3	-7,5	Medium	1	1	1,00	-7,5
Climate Change Impacts	Alternative 1	Construction	-1	4	2	2	2	3	-7,5	-1	4	2	2	2	3	-7,5	Low	1	2	1,13	-8,4375
Climate Change Impacts	Alternative 1	Operation	-1	5	4	4	3	3	-12	-1	5	4	3	3	-11,25	Low	2	2	1,25	-14,0625	
Climate Change Impacts	Alternative 1	Decommissioning	-1	4	2	2	2	3	-7,5	-1	4	2	2	2	3	-7,5	Low	1	2	1,13	-8,4375
Heritage Impacts (incl impacts on fossils)	Alternative 1	Construction	-1	2	5	2	2	1	-2,75	-1	2	5	1	2	1	-2,5	Medium	1	2	1,13	-2,8125
Waste Management Impacts	Alternative 1	Construction	-1	2	2	3	3	3	-7,5	-1	2	2	2	3	3	-6,75	Medium	2	2	1,25	-8,4375
Waste Management Impacts	Alternative 1	Operation	-1	2	4	3	3	3	-9	-1	2	4	2	3	3	-8,25	Medium	1	1	1,00	-8,25
Waste Management Impacts	Alternative 1	Decommissioning	-1	2	2	3	3	3	-7,5	-1	2	2	2	3	3	-6,75	Medium	2	2	1,25	-8,4375
Impact on Health and Safety	Alternative 1	Construction	-1	2	2	4	3	3	-8,25	-1	2	2	3	3	2	-5	Medium	1	3	1,25	-6,25
Impact on Health and Safety	Alternative 1	Operation	-1	2	4	4	3	3	-9,75	-1	2	4	3	3	2	-6	Medium	1	3	1,25	-7,5
Impacts on Terrestrial Biodiversity	Alternative 1	Construction	-1	3	2	2	3	3	-7,5	-1	3	2	1	3	3	-6,75	Medium	2	2	1,25	-8,4375
Impacts on Terrestrial Biodiversity	Alternative 1	Operation	-1	3	4	2	3	3	-9	-1	3	4	1	3	3	-8,25	Medium	2	2	1,25	-10,3125
Visual Impacts	Alternative 1	Operation	-1	3	4	1	3	4	-11	-1	3	4	1	3	3	-8,25	Medium	3	1	1,25	-10,3125
Employment Creation	Alternative 1	Construction	1	3	4	1	3	4	11	1	3	4	2	3	4	12	Medium	1	1	1,00	12
Employment Creation	Alternative 1	Operation	1	3	4	2	3	3	9	1	3	4	3	3	3	9,75	Medium	1	1	1,00	9,75
Job Losses	Alternative 1	Decommissioning	-1	3	4	2	3	5	-15	-1	3	4	1	3	5	-13,75	Medium	1	1	1,00	-13,75
Generation of electricity	Alternative 1	Operation	1	5	4	4	2	5	18,75	1	5	4	4	2	5	18,75	Medium	1	1	1,00	18,75
Indirect social impacts	Alternative 1	Construction	-1	3	3	3	2	3	-8,25	-1	3	3	2	2	3	-7,5	Medium	2	1	1,13	-8,4375
Indirect social impacts	Alternative 1	Operation	-1	3	4	3	2	3	-9	-1	3	4	2	2	3	-8,25	Medium	2	1	1,13	-9,28125
Indirect social impacts	Alternative 1	Decommissioning	-1	3	3	3	2	3	-8,25	-1	3	3	2	2	3	-7,5	Medium	2	1	1,13	-8,4375

Employment creation was identified as having a medium positive impact significance before and after mitigation during the construction and operational phase. Construction vehicles, industrial instrumentation and operators of these vehicles and equipment will be required during construction phase. Although certain aspects of the construction of the proposed plant are technically specialised, there remain opportunities for local contractors to become involved in components of construction, which are less plant - specific. The use of local contractors increases the number of employment opportunities for local people during the construction phase. Approximately 500 temporary job opportunities are to be created during the construction phase of the project. Approximately 100 employment opportunities (50 skilled and 50 unskilled) will be made available during the operational phase.

Plan of Study for EIA

Aspect	Company Responsible	Scope of Work / Terms of Reference
Air Quality Assessment	Airshed Planning Professionals	<p>The impact assessment phase of study will include the following:</p> <ul style="list-style-type: none"> • The compilation of an emissions inventory, comprising the identification and quantification of potential sources of emissions due to the project; Dispersion simulations of all potential pollutants from the project for applicable averaging periods; • Evaluation of potential for human health impacts; and, • Determination of environmental risk according to stipulated impact assessment methodology
Noise Assessment	Airshed Planning Professionals	<p>The following will be included in the environmental noise impact assessment study:</p> <ul style="list-style-type: none"> • Compilation of project source term; • Attenuation modelling of all potential noise sources due to project operations; • Evaluation of potential noise impacts on human receptors due to project activities; and, • Determination of environmental noise risk according to the EIMS stipulated Impact Assessment methodology.
Socio-economic Assessment	Equispectives	<p>The following methodology is proposed:</p> <ul style="list-style-type: none"> • The study will commence with a baseline description of the study area that will include a review of available literature. This will include relevant legislation and existing provincial and municipal documents and studies, as well as any additional literature that is deemed to be applicable to the study. This study will focus on the local and regional level. • Necessary demographic data will be obtained from Stats SA and other available official documents. • A stakeholder identification and analysis will be conducted to inform the impact assessment and assist with planning the fieldwork. Fieldwork will be used to obtain additional information and communicate with key stakeholders. • Stakeholders typically include social structures such as ward councillors, municipal representatives, landowners, community representatives, farmer’s associations, forums and political leaders, amongst others. Vulnerable stakeholders will be identified and consulted with in an appropriate manner. • Information will be obtained via focus groups, formal and informal interviews, observation, immersions, in the-moment discussion groups, the Internet and literature reviews. Notes will be kept of all interviews and focus groups. • An interview schedule might be used instead of formal questionnaires. An interview schedule consists of a list of topics to be covered, but it is not as structured as an interview. It provides respondents with more freedom to elaborate on their views. • The final report will focus on current conditions, providing baseline data. Each category will discuss the current state of affairs, but also investigate the possible impacts that might occur in future. • Recommendations for mitigation will be made at the end of the report. • The study will have a participatory focus. This implies that the study will focus strongly on including the local community and key stakeholders. Participatory methods will be used to identify local economic development projects. • Impacts will be rated according to the prescribed impact tables and risks will be calculated using social risk assessment methods. • Information obtained through the stakeholder engagement process will inform the writing of the report and associated documents.
Climate Change Assessment	Airshed Planning Professionals	<p>The impact assessment will include the following information:</p> <ul style="list-style-type: none"> • An estimation of the CO₂-equivalent emissions from the project, associated fuel use, vegetation clearing activities (if applicable), and electricity use; • Estimate the impact of the project on national greenhouse gas emissions; • Evaluation the potential impact of global climate change on the project by identifying potential physical risks to the project, employees, and communities; • Provide the potential risk of climate change on the project and the risk of the project on climate change; • Determination of environmental risk according to stipulated Impact Assessment methodology and, • Recommendation of mitigation and management measures, where applicable. <p>The climate change impact assessment report will consider Scope 1 emissions, which are the emissions directly attributable to the proposed project, Scope 2 emissions, which are the emissions associated with bought-in electricity over the lifetime of the project, and Scope 3 emissions (as far as is reasonable and practically possible), which consider the “embedded” carbon in bought-in materials and downstream emissions.</p>
Major Hazardous Installation Study	RISCOM	<p>The scope of the risk assessment will include:</p> <ul style="list-style-type: none"> • Review of revised designs of proposed processing units, inventories, routing and transport conditions for all alternatives;

Aspect	Company Responsible	Scope of Work / Terms of Reference
		<ul style="list-style-type: none"> • Development of accidental spill and fire scenarios for the facility; • Using generic failure rate data (for tanks, pumps, valves, flanges, pipework, gantry, couplings and so forth), determination of the probability of each accident scenario; • For each incident developed, determination of consequences (such as thermal radiation, domino effects, toxic-cloud formation and so forth); • For scenarios with off-site consequences (greater than 1% fatality off-site), calculation of maximum individual risk (MIR), taking into account all generic failure rates, initiating events (such as ignition), meteorological conditions and lethality. • Assessing the risk assessment to the criteria of SANS 1641; and commenting on suitability of the project; • Suggest mitigation, if possible, for successful implementation. <p>This information will then be used to identify any shortcomings and to rank the risks for possible risk reduction programmes. The results of the assessment will be tabled in a document addressing some or all of the topics listed in the MHI regulations and would not be adequate for submission as a MHI risk assessment. It should also be noted that the risk assessment will not constitute an environmental risk assessment covering topics such as pollution.</p>
Heritage and Palaeontology	PGS Heritage	<p>Assuming a new Heritage Assessment is required the following will be undertaken:</p> <ol style="list-style-type: none"> 1) Desktop Study: An archaeological and historical desktop study will be undertaken by utilising the previous studies conducted. This will be augmented by an assessment of old topographical maps and previous archaeological and heritage impact assessments undertaken for the study area and surroundings. 2) Fieldwork: An experienced fieldwork team inclusive of heritage specialists and architectural historian from PGS will undertake an archaeological and heritage site survey to identify the heritage resources within the study area. Tracklogs will be recorded, and the locations of all heritage resources identified during the fieldwork will be documented using a hand-held GPS. Furthermore, the documentation will reflect a brief qualitative description and statement of significance for each site and includes a photographic record of all the sites. 3) Report: A Heritage Impact Assessment will be written inclusive of sub-specialist studies. <ul style="list-style-type: none"> • Assessment of the significance of the proposed development during the Pre-construction, Construction, Operation, Decommissioning Phases. • Comparative assessment of alternatives (infrastructure alternatives will be provided); • Recommend mitigation measures in order to minimise the impact of the proposed development; • Design and material guidelines irt heritage design if required, and • Implications of specialist findings for the proposed development (e.g. permits, licenses etc) <p>A previous heritage assessment was already completed for the decommissioning project in 2021. It is possible that exemption from the requirements of a full HIA will be granted for the CCGT project, and an exemption letter submitted to SAHRA in this regard.</p>

The same method of assessing impact significance as was used during the Scoping phase will be applied during the EIA phase. The significance of environmental impacts will be rated before and after the implementation of mitigation measures. These mitigation measures may be existing measures or additional measures that may arise from the impact assessment and specialist input. The specialist studies will recommend practicable mitigation measures or management actions that effectively minimise or eliminate negative impacts, enhance beneficial impacts, and assist project design. If appropriate, the studies will differentiate between essential mitigation measures, which must be implemented and optional mitigation measures, which are recommended. The EIA and EMPr will be compiled in line with the requirements of Appendix 3 and 4 of the NEMA EIA Regulations.

The proposed public participation process to be followed for the EIA phase is provided below.

- The commenting periods that will be provided to the I&AP's (and the competent authorities) will be 30 days as per the relevant legislative requirements.
- The dates of the review and commenting period for the draft EIA/EMPr will be determined at a later date and communicated to all registered I&AP's through faxes, emails, SMS's and/or registered letters.
- The location at which the hard copy of the EIA report will be made available is at the same public places in the project area that the Scoping Report was made available, sent electronically to stakeholders who request a copy, and placed on the EIMS website: www.eims.co.za.
- The public participation will be undertaken in compliance with NEMA GNR 982 (Chapter 6).
- A public meeting will be held during the review period for the EIA report. Focus group meetings will also be held with key stakeholders as and where necessary.
- All comments and issues raised during the comment periods will be incorporated into the final EIA Report.

Submission of Comments

The Public Participation Process (PPP) for the proposed project has been undertaken in accordance with the requirements the NEMA in line with the principles of Integrated Environmental Management. Comments received during this Scoping Report review period will be collated and added to the Public Participation Report and updated accordingly for inclusion in the finalised Scoping Report to be submitted to the Competent Authority (CA). Should the CA accept the Scoping Report, an EIA Report including and Environmental Management Programme (EMPr) will then be compiled and presented for public comment as part of this EIA process during which time further stakeholder engagement will take place.

The Scoping Report will be available for public review from 16 March 2024 – 17 April 2024, for a period of 30 days at the following venues:

- Kempton Park Library; and
- Electronic copies will be available on the EIMS website (www.eims.co.za/public-participation/).

The Scoping Report will be made available for public review and comment for a period of 30 days from 16 March 2024 – 17 April 2024. Contact details are provided below:

Environmental Impact Management Services (Pty) Ltd (EIMS)

P.O. Box 2083 Pinegowrie 2123

Phone: 011 789 7170 / Fax: 086 571 9047

Contact: Jolene Webber

Email: Kelvin@eims.co.za

APPENDIX C8

PUBLIC OPEN DAY ATTENDANCE REGISTER

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or popia@eims.co.za

APPENDIX C9

TABLE OF CORRESPONDENCE

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Mr Hermanus Steyn

Date 2024/02/27 Method Email

Comment

Good Day Jolene May I please be added to the I&AP register?

Response

Good day, Thank you for your email and interest in the project. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Date 2024/03/04 Method Email

Comment

Thank you Jolene

Response

EIMS noted the response as acknowledgement of receipt of the previous email.

Renee Mott

Date 2024/02/15 Method Email

Comment

Good Day I would like to be registered as an interested and affected part to the above matter being considered at Kelvin Estate. I am a community member of Croydon and have been staying there for 19 years. (*[Address]*) Should you require any additional information, please let me know. Kind Regards

Response

Good day, Thank you for your email and interest in the proposed Kelvin Power Station Combined Cycle Gas Turbine Plant project. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Amukelani Shiburi

Date 2024/03/08 Method Email

Comment

Good day Kindly receive the attached confirmation letter for your attention. Regards

Response

EIMS noted the email as a response to the enquiry sent to DALRRD on 4 March 2024.

Date 2024/03/08 Method Other

Comment

Response

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Amukelani Shiburi

LAND CLAIMS ENQUIRY - PORTION 391 (REMAINING EXTENT) OF THE FARM ZUURFONTEIN 33, REG DIV IR, GAUTENG We refer to your land claim enquiry dated 04 March 2024. We confirm that there is/are an existing land claims against the Property/ies. The claims were lodged as per attached list. The claim was lodged in terms of the Restitution of Land Rights Amendment Act, 2014 (Act No 15 of 2014) ("the Amendment Act") which, amongst others, reopened the lodgement of claims for a period of five years. The validity of the Amendment Act was challenged in the Constitutional Court. The Constitutional Court found the Amendment Act to be invalid because of the failure of Parliament to facilitate public involvement as required by the Constitution. The Amendment Act ceased to be law on 28 July 2016. The Constitutional Court ordered that the claims that were lodged between 1 July 2014 and 27 July 2016 are validly lodged, but it interdicted the Commission from processing those claims until the Commission has finalised the claims lodged by 31 December 1998 or until Parliament passes a new law providing for the re-opening of lodgement of land claims, Parliament was given until 27 July 2018 to pass such a law. Parliament has so far not been able to pass new legislation and has instead approached the Constitutional Court for an extension until 29 March 2019 and the application was rejected. As a result the Commission will, unless directed otherwise by Constitutional Court, not be processing claims lodged between 1 July 2014 until 27 July 2016 until all the claims lodged on or before 31st December 1998 are finalised and or a new Act is passed by Parliament and signed into law by the President. In the meantime, the Commission through the Chief Land Claims Commissioner has been ordered to report the progress of all the outstanding land claims on six months basis for monitoring by the court. The Commission will contact you directly and communicate widely once we have been granted permission to begin dealing with these claims.

EIMS noted the Land Claims Enquiry response letter from DALRRD.

Ms Natalie Koneight

Date 2024/02/19 Method Email

Comment

Good day Jolene, Can you please provide Rand Water with the shape files (kmz format), Locality Map and Application, in order to determine if Rand Water will be affected. @*** (for information only) Regards

Response

Good day, Thank you for your email. Kindly find the attached KMZ of the site area as well as the Locality Map, as requested. Please note that the Environmental Authorisation (EA) application forms are still being compiled and are not available at this stage. Should you have any further comments/queries regarding this project, please feel free to contact EIMS.

Date 2024/03/05 Method Email

Comment

Good Day Jolene, Please note that Rand Water services are Not Affected by this proposal. See

Response

Good day, Thank you for confirming that Rand Water services are not affected by the proposed

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Ms Natalie Koneight

attached "Not Affected" stamp on your letter. @*** (for your info only) Regards project.

Tebego Kgaphola

Date 2024/03/26 Method Email

Comment

Dear Sir/Madam DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the project mentioned on the subject line. Kindly note that the project has been allocated to Mrs *** and Ms *** (Copied on this email). In addition, kindly share the shapefiles of the development footprints/application site with the Case Officers. Please note: All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: *** for attention of Mr ***

Response

Good day, Thank you for your email. We have registered Mrs ***, Ms *** and Mr *** as Interested & Affected Parties (I&APs) for further communication regarding the project. Kindly find the attached Google Earth file (KMZ) of the site. Please feel free to contact EIMS should you have any further requests or comments/queries regarding this project.

Mr Mpho Ratshisusu

Date 2024/02/15 Method Email

Comment

Good day, On behalf of the Director-General, Dr Sean Phillips, this email serves to acknowledge receipt of your correspondence below which will receive the necessary attention by the Department of Water and Sanitation (DWS). Kindest regards Central Point

Response

Good day, Thank you for the acknowledgement of receipt of our notification for this project.

Date 2024/03/15 Method Email

Comment

Good day, On behalf of the Director-General, Dr Sean Phillips, this email serves to acknowledge receipt of your correspondence below which will receive the necessary attention by the Department of Water and Sanitation (DWS). Kindest regards Central Point

Response

EIMS noted the response as acknowledgement of receipt of the Draft Scoping Report Availability and Public Open Day notification.

Fundiswa Ndaba

Date 2024/02/15 Method Email

Comment

Good day Kindly be specific is this a notification or a land claim enquiry?

Response

Good day, Thank you for your email. Your assistance in providing information regarding land claims on the property for the proposed project, as per your email received (19/02/2024), is

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Fundiswa Ndaba

appreciated. This email also serves to inform you that you remain registered as an Interested and Affected Party (I&AP) for this project for further communications regarding this project. You will be notified once the Scoping and EIA reports are available for public comment and review. Please feel free to contact EIMS should you have any comments/queries regarding the proposed Kelvin Power Station CCGT project.

Date 2024/02/19 Method Other

Comment

LAND CLAIMS ENQUIRY - REMAINING EXTENT OF PORTION 391 ZUURFONTEIN 33 REG DIV IR GAUTENG We refer to your land claim enquiry dated 14th February 2024. We confirm that there is/are an existing land claims against the Property/ies. The claims were lodged as per attached list. The claim was lodged in terms of the Restitution of Land Rights Amendment Act, 2014 (Act No 15 of 2014) ("the Amendment Act") which, amongst others, reopened the lodgement of claims for a period of five years. The validity of the Amendment Act was challenged in the Constitutional Court. The Constitutional Court found the Amendment Act to be invalid because of the failure of Parliament to facilitate public involvement as required by the Constitution. The Amendment Act ceased to be law on 28 July 2016. The Constitutional Court ordered that the claims that were lodged between 1 July 2014 and 27 July 2016 are validly lodged, but it interdicted the Commission from processing those claims until the Commission has finalised the claims lodged by 31 December 1998 or until Parliament passes a new law providing for the re-opening of lodgement of land claims. Parliament was given until 27 July 2018 to pass such a law. Parliament has so far not been able to pass new legislation and has instead approached the Constitutional Court for an extension until 29 March 2019 and the application was rejected. As a result the Commission will, unless directed otherwise by Constitutional Court, not be processing claims lodged between 1 July 2014 until 27 July 2016 until all the claims lodged on or before 31st December 1998 are finalised and or a new Act is passed by Parliament and signed into law by the President. In the meantime, the Commission through the Chief Land Claims Commissioner has been ordered to report the progress of all the outstanding land claims on six months basis for monitoring by the court. The Commission will contact you directly and communicate widely once we have been granted permission to begin dealing with these claims.

Response

Good day, I hope this message finds you well. Thank you for providing the correspondence regarding the land claim for Zuurfontein Farm 33-IR. I would like to kindly request clarification on the specific farm portions of the listed land claims, particularly if any of them intersect with the designated site for the Kelvin Power Station - Portion 391 R/E. Additionally, could you please provide a Locality Map illustrating the boundaries of the land claims. Attached is a map outlining the proposed project location for your reference. Thank you.

Date 2024/02/19 Method Email

Comment

Good day Kindly receive the attached land claim confirmation letter for your attention.

Response

EIMS noted the response and replied to the I&AP in their first correspondence.

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Fundiswa Ndaba

Date 2024/03/05 Method Email

Comment

Good day Please note that you need to liaise with the officials mentioned on the letter I have sent to you for further information.

Response

EIMS noted the response as part of internal correspondence after DALRRD received the email from EIMS dated 4 March 2024.

Mr John Geeringh

Date 2024/02/16 Method Email

Comment

Please keep me informed regarding the progress of this application. Please send me a KMZ file indicating the proposed development areas. Kind regards

Response

Good day, Thank you for your email and interest in the project. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. You will be notified once the Scoping and EIA reports are available for public comment and review. Kindly find the attached KMZ of the site area. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Onalenna Mokoena

Date 2024/02/16 Method Email

Comment

Good day, I hope this email finds you well. I just want to find out if will the proposed Kelvin Power Station Combined Cycle Gas Turbine Plant, in the Ekurhuleni Metropolitan Municipality affect Transnet's railway infrastructure.

Response

Dear Onalenna, Thank you for your email. At this stage there are no expected impacts on Transnet's railway infrastructure as a result of the project. Please find the attached KML file and locality map of the application area – kindly confirm whether the project overlaps with any of Transnet's infrastructure. This email also serves to inform you that you have been registered as an Interested and Affected Party (I&AP) for this project for further communications regarding this project. You will be notified once the Scoping and EIA reports are available for public comment and review. Please feel free to contact EIMS should you have any comments/queries regarding the proposed Kelvin Power Station CCGT project.

Thami Hadebe

Date 2024/02/14 Method Email

Comment

Response

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Thami Hadebe

Please furnish BID.

Good day, Thank you for your email. Kindly find the attached Background Information Document for this project.

Date 2024/02/21 Method Email

Comment

Dear Ms Webber Your wayleave application/BID dated 21 February 2024 has reference. Transnet Pipelines, a division of Transnet SOC Limited, is not affected by the proposal. Your awareness of the existence of Transnet's pipeline servitudes and concern for their integrity is highly appreciated. This authorisation shall be valid for 48 months from the date - 21 February 2024. Yours Sincerely

Response

Good day Mr Hadebe, Thank you for your email. Thank you for confirming that Transnet Pipelines is not affected by the proposed Kelvin Power Station CCGT project.

Date 2024/03/15 Method Email

Comment

Dear Ms Webber Your wayleave application with project reference number 1607/JP/jw dated 15 March 2024 has reference. Transnet Pipelines, a division of Transnet SOC Limited, is not affected by the proposal. Your awareness of the existence of Transnet's pipeline servitudes and concern for their integrity is highly appreciated. This authorisation shall be valid for 48 months from the date - 15 March 2024.

Response

EIMS noted the response from Transnet Pipelines confirming that they are not affected.

Shalden Deno Claassen

Date 2024/02/14 Method Telephone

Comment

The I&AP called after having received an SMS notification regarding the project. The I&AP indicated that they are an adjacent landowner and requested more information about the project. The I&AP provided their email address for further information regarding the project.

Response

EIMS followed up on the I&AP's request with the following email: Good afternoon, Thank you for contacting EIMS regarding the proposed Kelvin Power Station Combined Cycle Gas Turbine Plant project notification that you received. As per our phone call, please find the attached initial notification letter and background information document regarding the project. Please note that no additional information is available yet as the relevant environmental reports are currently being drafted. You will be notified once they are made available for public review and comment. This email also serves to confirm that you are registered as an Interested and Affected Party (I&AP) for further communications regarding the project as part of the project's Public Participation Process. All comments received from I&APs are recorded and addressed in the environmental reports and considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any queries/comments regarding the project.

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Dr Denver Fredericks

Date 2024/02/14 Method Email

Comment

Dear Jolene I have been made aware the the pending processes and keen to be further enlightened on project and stratagem. Notification: Proposed Kelvin Power Station Combined Cycle Gas Turbine Plant, Ekurhuleni Metropolitan Municipality, Gauteng. Kelvin Power (Pty) Ltd has appointed EIMS to undertake the Environmental Authorisation processes. If you are interested/affected, please contact Jolene; Thank you for your indulgence

Response

Good day, Thank you for your interest in the project. Please note that we are still in the early stages of the Environmental Impact Assessment (EIA) process and detailed studies are still being completed. You will be notified once the Scoping and EIA reports are available for public comment and review. Kindly find the attached Background Information Document. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Simon James Lapping

Date 2024/02/15 Method Telephone

Comment

The I&AP called regarding the Call to Register notification that was received. The I&AP indicated that they are the ward councillor and Chair of the Kelvin Homeowner's Association and asked that a presentation be held for the residents to explain the project.

Response

EIMS did not receive further communication from the I&AP.

Lerato Selolo

Date 2024/02/14 Method Email

Comment

Good day Notice received, when the DRAFT BASIC ASSESSMENT is ready kindly send the Hardcopy and soft copy in a USB to ****.

Response

Good day, Thank you for your email. Kindly note that this is an Environmental Impact Assessment process, you will be notified once the Draft Scoping Report is available for public review. We will send the Hardcopy and soft copy (in a USB) of the Draft Scoping Report to you once the report is available, as per your request. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Date 2024/03/19 Method Email

Comment

Good day Notice received, when the DRAFT BASIC ASSESSMENT is ready kindly send the Hardcopy and soft copy in a USB to ***.

Response

Good day, Thank you for your email. Kindly note that we have couriered a hard copy of the Draft Scoping Report to your address. Kindly confirm if you have received the hard copy of the report?

Celeste Visser

Date 2024/02/14 Method Email

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Celeste Visser

Comment

Good day, Please remove me from your mailing list. I no longer live there. Thank you,

Response

Good day, Thank you for your email. We have deregistered your details from this project's Interested and Affected Parties contact list and you will no longer receive communications regarding this project, as per your request.

Louisa Smalberger

Date 2024/02/14 **Method** Email

Comment

Could you please be so kind and remove my email address from your list? I do not have any interest in this matter. Kind regards / Vriendelike groete

Response

Good day, Thank you for your email. We have deregistered your details from this project's Interested and Affected Parties contact list and you will no longer receive communications regarding this project, as per your request.

Dr Gwen Theron

Date 2024/04/17 **Method** Email

Comment

Dear Jolene, I on behalf of JT Group wish to provide feedback on the draft scoping that has been made available for comment. The proposal is 100% contradicting the commitment of South Africa to move away from fossil fuel towards clean energy/. This fact in itself is a 100% fatal flaw of the project. The regulations in South Africa may allow the development of new fossil fuel plants, but if it is in contravention of the governmental commitment to clean energy – it must be questioned at the highest level. It is submitted that the provisions of the Gauteng Pollution Buffer Zones Guideline, dated March 2017 must be taken into account in the submission and must consider the prescribed distance that any polluting facility must be located from any residential areas. The residential areas have been in the area for many years and have been subject to the polluting impacts of the Kelvin Power station for the same period. Two wrongs do not make a right. The base line, ambient air quality studies must be provided, and the current and potential health-related impacts must be indicated. The Air quality cannot only indicate concentrations and dilution factors, it must look at historic and future health impacts. Detail assessments must be provided of both human, bird and animal impacts. Potential water and soil pollution. Extensive research has been done and it has been proven unconditionally that power plants can't be located inside built-up areas. And that the potential pollution cannot be adequately mitigated. The risks to all live forms are simply too high. The Environmental health specialist MUST be appointed on the specialist team – it is not good enough to only investigate the aspects identified in the BID. Furthermore, construction of the

Response

Good day, Thank you for your email. Your comments are duly noted and will form part of the Public Participation Process for the Kelvin Power Station CCGT project. Kindly find the attached response to your comments. Please feel free to contact EIMS should you have any further comments/queries regarding this project.

Dr Gwen Theron

plant cannot overshadow the operational aspects and the storage of large quantities of GAS on the premises or the transportation of the gas via pipelines or tankers. The movement corridors and storage facilities must be investigated and the impact assessment cannot be restricted to the site alone. These must be thoroughly investigated. The source of the Gas must also be provided and potential impacts at the source must be identified and investigated.

- Air Quality Assessment ; - must include health impacts
- Socio-economic Assessment; What is the brief that will be provided to the specialist -
- Climate change Study; this must include carbon emissions and the carbon tax that will be paid by the installation
- Noise Assessment; must include health impacts
- Heritage (including palaeontology) Assessment; - will the facility not be located on an existing industrial site – provide DFFE Scening results
- Major Hazard Installation (MHI) Assessment. Accepted

The technology that will be used must be provided and facilities that have been successfully operating with the same technology must be provided. The audit reports from those facilities must be made available as proof of claims for the technology proposed for the Kelvin plant. Research from Harvard has shown that for GAS fired power plants. Pleas provide feedback on each fact and claim in this research report and how the proposed plant will address potentially similar results from the operations. Natural gas (also referred to as "methane gas" or "gas") is a mixture of fossil fuels in gaseous form, and is burned in gas turbines, engines and boilers to produce power. Gas used for power generation consists mainly of methane (generally about 85%), but can also contain propane, butane, nitrogen and other hydrocarbons.[1] Natural gas fuel causes CO₂ and NO_x emissions,[2] methane (CH₄), PM, SO_x, CO, formaldehyde, ammonia (NH₃), and non-methane hydrocarbons (NMHCs).[3][4] Fully combusted methane releases water and CO₂, both of which are strong greenhouse gases, but other molecules in the fuel and air within a combustion chamber can also react to form other pollutants that are released into the air. The major pollutant of gas plants is NO_x. [5] There are two types of gas-fired power plants: combined cycle plants and simple cycle plants otherwise known as peaker plants. Peaker plants are less efficient and more polluting than combined cycle plants. Peaker plants can also generate more NO_x and CO emissions.[6]

- Oxides of Nitrogen (NO_x): Oxides of Nitrogen, more commonly referred to as NO_x is released to the atmosphere during the combustion of methane. Nitrogen in the air and trapped in the fuel reacts with Oxygen molecules during combustion, creating NO and NO₂ molecules during the reaction.[1] These oxides of nitrogen are associated with a number of respiratory illnesses, such as:[7][8]
- o Inflammation of the airways
- o Reduced lung function
- o Asthma symptoms
- o Chronic bronchitis
- o Increased susceptibility to respiratory infection.

- Carbon Monoxide (CO) and Volatile Organic Compounds (VCOs): Although typically fairly low in gas plants with higher combustion efficiencies, gas plants also emit carbon monoxide and volatile organic compounds (VOCs) into the air.[1] Both of these pollutants are hydrocarbons in the fuel that are not fully burned during the combustion process, and are more directly harmful to human health than fully combusted hydrocarbons (such as CO₂).
- o Carbon monoxide can bind with hemoglobin in the blood, causing poor oxygen circulation in the body. This can cause

Dr Gwen Theron

fatigue, headaches, and dizziness, as well as adversely impact the health of unborn babies.[9] o Other VOCs have a host of related health impacts, with some compounds causing cardiovascular diseases and lung cancer.[10] • Ozone (O3): Although ozone is not directly emitted during combustion, NOx and VOCs released from gas plants can react with other compounds in the presence of sunlight can create ground level ozone.[11] o Breathing in ground level ozone, particularly at higher temperatures, has also been correlated with increased vulnerability to many respiratory illnesses.[12] • Particulate Matter (PM): Particulate matter (PM) refers to combinations of compounds that form particles of a certain size in the air. Although burning gas is not quite as “dirty” as burning coal, fine particulate matter PM2.5 (less than 2.5 microns in width) is still released into the atmosphere during the combustion process.[13] Additionally, NOx and VOCs that are emitted by gas plants can also combine with other compounds in the air to form PM2.5 and PM10. These “secondary” emissions are considerably more significant than the direct emissions, and have the greatest impact on human health.[14] Breathing in PM2.5 can cause: o Lung cancer[15] o Ischemic heart disease[15] o Increased susceptibility to respiratory illnesses[15] o Pre-term births[13] o Low birth weight o Post neonatal mortality.[13] o Children and the elderly are also more susceptible to the asthma and bronchitis.[13] A Harvard study from 2021 explores the impact of pollutants such as ammonia (NH3), NOx and PM2.5 released from burning gas in various industrial and residential settings on early mortality rates:[16] • An increase of 1 microgram per cubic meter of PM2.5 leads to a 1.4% increase in the likelihood of early mortality. • These emissions are responsible for approximately 10,000-15,000 cases of early mortality in the United States – or 21% of all annual deaths caused by air pollution from burning fuels. • The proportion of emissions related early mortality attributed to gas and biomass combustion is now greater than coal overall, and gas emissions from stationary sources cause more deaths than coal in 19 states in 2017. The Health and Environmental Alliance (HEAL) also estimates that emissions from gas plants are responsible for 2,800 premature deaths in Europe, as well as more than 15,000 cases of respiratory illnesses.[15] They estimate the emissions are responsible for: • 17% of all lung cancer • 12% of ischemic heart disease • 33% of childhood asthma • 3% of all chronic obstructive pulmonary diseases • The cost of these health burdens, in addition to lost days of productivity amount to over 8.7 billion euros (\$9.11 million USD). Stationary Emissions Sources As noted by the Union of Concerned Scientists, gas plants are “stationary” emissions sources—they release pollutants at a fixed location over long periods of time. The pollutants do not disperse evenly into the air immediately; based on factors such as wind and weather conditions, emissions can remain concentrated in certain areas close to gas-fired power plants.[17] • A study published in the European Journal of Internal Medicine showcases the effect of a 750 MW power plant in San Paolo, Italy, home to around 74000 residents.[18] o They find that PM10 particles in the air increased from 36.4 to 41.5 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), while NOx levels were also reported to have increased from 24 to 25.3 $\mu\text{g}/\text{m}^3$. o This increase is correlated with an increase in hospital visits among the elderly, with the impact increasing as

Dr Gwen Theron

the residences grew closer to the power plant. • A study on the effect of a combined-cycle gas-fired power plant in Qom similarly compares the health outcomes of people living in a 5, 10, and 15km radius from the power plant. [19] o Using pollution data from different monitoring stations, as well as including controls for the effect of wind, they find that emissions have the greatest health impact in a town 2.5km north, and 7.5km west of the power station. o They find that the power plant causes 2 extra deaths per year. o Emissions from the power plant account for 21% of all cases of chronic cough and bronchitis. o The total health cost of the emissions from the plant are projected to be \$4.7 million USD. • A study on the health impacts caused by air pollution from gas plants in South Korea analyzed the health benefits of an accelerated phase out of gas power.[20] o South Korean gas power generation is estimated to cause up to 859 premature deaths per year and 23,200 premature deaths until 2064. o 17,840 premature deaths could be avoided by withdrawing the plans to construct the gas plants in the pipeline, touted as the "bridge" in the energy transition, while also phasing out all gas plants in South Korea by 2035. Socioeconomic Inequalities The health effects of gas-fired power plants vary along the lines of country, race, and income. Globally, emissions standards, laws on air quality, and enforcement mechanisms are generally weaker in less developed countries, increasing the risk of emissions and exposure of the local communities to the emissions.[21] In addition, combined cycle technology, which is less polluting than simple cycle gas plants tends to be more expensive than peaker plants.[22] Locally, marginalized groups face higher health risks, predominantly due to closer proximity to the power plants.[23] The fundamental problem of distributional environmental injustice is that those responsible for relatively smaller emissions face a greater proportion of the consequences. • A study published in the Proceedings of the National Academy of Science (PNAS) highlights the disparity between the levels of emissions and exposure to these emissions based on race in the US.[24] o By tracking the emissions associated with goods consumed by individuals, they find that Blacks are exposed to 21% more PM2.5 pollution than the average individual, and are responsible for 23% less emissions. o Accordingly, they face 63% more exposure than they cause o Non-white Hispanics also experience a disparity of 56%. • PSE Healthy Energy released a 2017 report detailing the difference in exposure to emissions from gas power plants by income categories.[25] o They find that 84% of all "peaker" gas plants operate in areas considered "most disadvantaged" in California. o More than 50% of these are found in communities that feature within the bottom 30% in terms of advantage. Finally, there are chain and multiplier effects of gas-fired power plants through the effects on the environment and wildlife. For instance, Mercury pollution of water bodies may cause ingestion in humans through fish. Contaminated fish is the primary pathway for human exposure to mercury. Ingested mercury can damage the nervous system, especially in children and fetuses.[26] Impacts on Wildlife and the Environment from Gas Plants The impacts of the gas-fired power plant on the environment are categorized into three lifecycle stages: construction, operation & maintenance, and decommissioning. Construction The direct impacts of construction on the environment are landscape change, the use of natural

Dr Gwen Theron

resources, and construction waste. • The landscape change may involve clearing the land area for the plant site and associated infrastructure (e.g., a terminal, a pipeline, or transmission lines), potentially causing deforestation.[27] • Landscape change may also affect wildlife through construction activities, habitat disturbance or destruction, noise, and pollution.[27] • The construction phase may cause temporary or permanent impacts on soil, water, and air quality. Exposed land areas due to construction may cause soil erosion and sedimentation, washing away the soil nutrients and pollutants to nearby water bodies during storm events or spring thaws if left unmanaged. • Construction works may require filling or draining wetlands or affect the wetlands near the plant site. Operation & maintenance The most substantial impact of the operation & maintenance of a gas-fired power plant is emissions, namely sulfur dioxide (SO₂), nitrogen oxides (NO_x), particulate matter (PM), carbon dioxide (CO₂), mercury (Hg), and other pollutants.[28] The major pollutants are nitrogen oxides or NO_x. [5] • The effects of emissions on wildlife health are likely similar to the effects on human health described above. • Nox pollution reduces plant biodiversity and affects the growth and survival of plants and other organisms, leading to changes in the ecosystem. Nitrogen pollution leads to the eutrophication of water bodies, altering aquatic ecosystems and causing harmful algae.[29] • SO₂ causes acid rain, damaging vegetation, acidifying lakes, and affecting the reproduction and health of wildlife.[26][30] • Mercury emissions can be converted to methyl mercury by bacteria in waterways and absorbed by fish and other organisms.[26][31] • Ground-level ozone increases risks of disease, insects, fungus, harsh weather, and other risk factors for plants. These risks may affect the ecosystem through biodiversity loss, impaired health and growth.[29] In addition, power plants cause avian deaths through onsite collision and electrocution with plant equipment, poisoning, and death caused by acid rain, mercury pollution, and climate change.[32] Climate change, caused by greenhouse gasses, has indirect, multiplier, and long-term effects on the environment and wildlife.[33] Operations of the power plant affect the water quantity and quality. Power plants use water from lakes, rivers, and municipal water utilities for plant cooling, and groundwater for plant processes.[26] • Power plant processes reduce water at the local stream and groundwater aquifer, negatively affecting the stream morphology, habitat, aquatic plant, and animal species, promoting the growth of algae and invasive plants.[26] • Discharge of polluted process water threatens local ecosystems, especially if safety mechanisms are neglected. Discharge of water with a different temperature, usually warmer after the power plant processes, can also negatively affect the ecosystem.[26] Incidents at Gas Plants with impacts on Health and Environment Incidents at the gas plants that may cause harm to health and the environment appear to be mostly explosions and fires. A historical analysis of accidents in gas and oil-fired equipment analyzed the causes. These were tube rupture, error in the ignition or reignition sequences, loss of flame in the combustion chamber, and the entrance of foreign fuel or other materials.[40] The ENergy-related Severe Accident Database (ENSAD) recorded 19 accidents at natural gas-fired power plants as of 2020: 5 in the USA and territories, 5 in China, 3 in Azerbaijan, 2 in Canada, 1 in the UK, 1 in Russia, and

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

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1 in Australia.[41] The data appears to be not exhaustive. Notably, accident risks at power plants represent a small percentage of hazards across all stages of energy chains.[42] A few accidents at gas-fired power plants include: • Kleen Energy Plant (2010, USA): An explosion occurred during a natural gas purging operation at the Kleen Energy Plant in Middletown, Connecticut, USA. The incident resulted in 6 fatalities and at least 50 injuries.[43] • Enron power station (2001, UK): An explosion occurred in a transformer room, killing three and seriously injuring one person.[44] • Nuon gas-fired power plant (2012, Netherlands): An explosion occurred during repair work at the high-voltage grid, injuring eight employees.[45] • Formosa Ha Tinh Steel Corporation's power plant (2022, Vietnam): An explosion occurred during pipeline maintenance, killing one and injuring two employees.[46] • Sentinel Energy Project (2017, USA): A high-pressure valve explosion killed one employee.[47] • Baniyas Thermal Station (2021, Syria): A fuel leakage from one of the tanks caused an oil spill the size of New York City along the Syrian coast, reaching the Cypriot shore and Turkey's northeast coast. The oil spill also directly impacted the local fisher community and their livelihood, damaging the marine ecosystem and the coastal area.[48] • West Tripoli power plant (2022, Libya): A fuel leakage from the tank caused an oil spill, polluting the soil and sea waters and endangering human health and the marine ecosystem.[49]

Date 2024/05/13 Method Email

Comment

Hi Jolene, I received the negative GDARDE Decision on the Spartan application which you also commented on. The applicant is investigating the possibility of linking to the Kelvin alternative energy initiative and to erect solar panels on the land because they will not be able to continue with housing.. The land is too small for an IPP and want to explore the options with Kelvin to join their initiatives. However, in their communication with the local Kelvin management they could not get any understanding of the possible options. Is there any way that my client can contact the owners to have a meaningful discussion for a mutual benefitting solution? Please let know if you have contact with them and if I can direct my client to you for a discussion. Best Gwen

Response

Good Morning Dr Theron, The people we have been dealing with at Kelvin at*** (environmental manager) and *** (General Manager). You could try contacting them , their contact details are as follows *** **

Date 2024/05/14 Method Email

Comment

Dear John, Your assistance is most appreciated. The land owner of the Spartan land, and representative of JT Group Developments (Pty) Ltd, ***, may contact you if required. Best Regards Gwen

Response

EIMS noted the response from the I&AP as acknowledgement of receipt of the previous email.

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Zandisile Mseleni

Date 2024/02/16 Method Email

Comment

Good day kelvin May you please send me the maps of the location which the authorization is needed. Preferably in KMZ or Dgn

Response

Good day, Kindly find the attached KMZ of the site area and the locality map. This email also serves to notify you that you have been registered as an Interested & Affected Party (I&AP) for this project for future communications regarding the project. Please feel free to contact EIMS should you have any comments/queries regarding the proposed Kelvin Power Station CCGT project.

Nokusho Ngobeni

Date 2024/03/20 Method Email

Comment

Good day, Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: <http://sahra.org.za/sahris/>. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions. Please create an application on SAHRIS for each EA application and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA. If a case already exists on SAHRIS regarding the development, please upload the documents to that case using the "Make an additional submission to an existing case" in the application selector wizard <https://sahris.org.za/form/application-selector>. Please ensure that all documents produced as part of the EA process are submitted as part of the application. ****PLEASE NOTE**** An application fee is now required for all section 38 applications. Please ensure that the SAHRIS application contains a proof of payment as per the notice at the following link: <https://sahris.org.za/help>. A payment of R 2 000.00 for each application is required. Please make separate payments with the specific reference numbers. Applications that do not include a proof of payment will be considered incomplete and will not be processed until proof of payment is provided. Please make use of the SAHRIS Case ID in the payment reference. i.e. 12345/38.8. Please upload the PoP using the "Make an additional submission to an existing case" in the application selector wizard <https://sahris.org.za/form/application-selector>. The case officer assigned to your case will approve the submission and begin to process the case. Kind regards,

Response

Good day, Thank you for your email. Kindly note that an application has been made (Case ID: 22086, Title: 1607 Kelvin Power Station CCGT EIA WULA).

Ms Nokukhanya Khumalo

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Ms Nokukhanya Khumalo

Date 2024/04/18 Method Email

Comment

EIMS followed up with the assigned case officer regarding the SAHRIS application.

Response

Good day Ms Khumalo, I refer to my email below regarding the SAHRIS submission (Case ID: 22086, Title: 1607 Kelvin Power Station CCGT EIA WULA) where Ms Khumalo is indicated as the case officer. We noticed that the Status of the submission still reflects as "Proof of Payment Outstanding" and no comments on the draft scoping report from SAHRA have been received to date, however, the POP was uploaded, and you were notified of the submission in the email below. Kindly see the screenshots attached to this email showing the current status of the application and the POP that was submitted. Please be aware that the review period for the draft scoping report for this project has ended (on the 17th of April 2024). Please advise whether you are able to see the submission on the SAHRIS system?

Date 2024/07/10 Method Email

Comment

No comment from SAHRA had been received as of 10 July 2024, EIMS followed up on the SAHRIS application with the case officer.

Response

Good day, We would like to request an update regarding the SAHRIS case ID 22086 (1607 Kelvin Power Station CCGT EIA WULA)? Currently the status of the application says "Under Authority Review" and there are no comments provided by SAHRA regarding this project.

Date 2024/07/10 Method Email

Comment

Good afternoon The case is being looked at and I will provide comments as soon as possible.
Kind Regards,

Response

EIMS noted the response from the SAHRIS application Case Officer. To date, no comments have been received from SAHRA regarding the application.

Federica Scalla

Date 2024/03/06 Method Email

Comment

Good afternoon Kelvin I trust you are well and that you have had a good day so far. I refer to the attached correspondence, as well as, your email below. Please be advised, that as directed in your letter dated, 14 February 2024, we would like to be registered as an interested party. Name: *** Contact Detail: Email - *** Cell: *** Tel: *** Reason for interest: We border on the power station, we are an affected party and would like to be privy to the risk assessment and mitigating factors. Please confirm receipt of this email.

Response

Good day, Thank you for your email and interest in the project. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

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Tracey Lourenco

Date 2024/02/15 Method Email

Comment

Good day Please could you add me as an interested party.

Response

Good day, Thank you for your email and interest in the proposed Kelvin Power Station CCGT project. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Tobias Verwey

Date 2024/02/16 Method Email

Comment

Morning: Got this : ↯ PUBLIC PARTICIPATION | KEMPTON PARK ————— • Kelvin Power (Pty) Ltd has enlisted the services of EIMS to manage the Environmental Authorization procedures. • The applicant intends to develop a Combined Cycle Gas Turbine (CCGT) Power Plant at the Kelvin Power Station, with a net output of approximately 600 megawatts. • If you have any interest or concerns regarding this project, please reach out to Jolene at 0117897170 or email Kelvin@eims.co.za. • For further information, you can visit: <https://www.eims.co.za/public-participation/>. Jolene, just to confirm; this power station belongs to Jhb. Correct? Is there any benefit for the additional development for anyone else? Regards Tobias

Response

Good day, Thank you for your interest in the project. Please note that we are still in the early stages of the Environmental Impact Assessment (EIA) process and detailed studies are still being completed where any potential benefits that arise from this project may be addressed. You will be notified once the Scoping and EIA reports are available for public comment and review. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Bonnie Ndlangamandla

Date 2024/02/15 Method Email

Comment

Good day, Here with please find my attached resume for an open vacancy in the admin department. I'm currently unemployed and available immediately. Kind regards,

Response

Good day, Thank you for your email. Kindly note that EIMS has been appointed as independent Environmental Consultants to undertake the necessary environmental authorisation processes. The aim of our involvement is to acquire input/solicit comment from the public regarding the environmental application and as such are not involved in Kelvin Power's hiring processes. This email also serves to inform you that you have been registered as an Interested and Affected Party (I&AP) for this project for further communications regarding this project. Please feel free to contact EIMS should you have any comments/queries regarding the proposed Kelvin Power Station CCGT project.

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Bonnie Ndlangamandla

Date 2024/06/05 Method Email

Comment

Dear Hiring manager, Herewith please find my attached resume for your perusal, for any available office work position. I have over 10 years experience in financial administration in the banking industry ,however I would like the exposure and be given an opportunity. I'm a very creative person, open minded and open to learning and new challenges. I believe I am a very competent individual and willing to learn new things. I've been looking for employment even doing online vacancies during my free time during the day. Currently trying to complete an online tutoring course once done will be added on my resume. I have my own transport, available immediately. Currently unemployed, have been unemployed for the past 4 Months. Please keep my resume for future reference and other opportunities should this opportunity pass me. Kind regards, Bonnie Email: *** Tell: ***

Response

Good day, Thank you for your email. Kindly note that EIMS has been appointed as independent Environmental Consultants to undertake the necessary environmental authorisation processes. The aim of our involvement is to acquire input/solicit comment from the public regarding the environmental application and as such have no involvement in Kelvin Power's hiring processes. This email also serves to inform you that you have been registered as an Interested and Affected Party (I&AP) for this project for further communications regarding this project. Please feel free to contact EIMS should you have any comments/queries regarding the proposed Kelvin Power Station CCGT project.

Franco McKellar

Date 2024/03/26 Method Email

Comment

Dear Jolene Webber, Please register me as an Interested and Affected Party regarding KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT, Ref 1607. *** ** Please acknowledge receipt of this email.

Response

Good day, Thank you for your email and interest in the project. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Date 2024/04/03 Method Email

Comment

Dear Jolene Webber, I refer to the email trail below. We will not be attending the public participation meeting on 3 April 2024. However, we request that you please supply us with a copy of the presentation materials that will be discussed at the meeting. Please also provide us with minutes of this meeting when they become available. We will need these to provide feedback on the Draft Scoping Report (DSR) that you have submitted and circulated. As comment on the DSR is due before 17 April 2024, we will greatly appreciate some expediency in this regard. Thank you in advance.

Response

Good day, Thank you for your email. Kindly note that the event is a public open day, as such, there are no presentation slides. However, please find the attached posters that will be used at the open day. We will provide the minutes once they become available. Please feel free to contact us should you require any further information or if you have any comments/queries regarding the project.

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Franco McKellar

Date 2024/04/03 Method Email

Comment

Dear Jolene, Thank you, well received.

Response

Good morning, Kindly find the attached comment record of all comments and responses from the Open Day on 3 April 2024, as per your request. Please feel free to contact EIMS should you have any comments/queries or if you require any further information. All comments on the Draft Scoping Report must be submitted by no later than the 17th of April 2024.

Salome Mambane

Date 2024/04/15 Method Email

Comment

Good day. Please find herein the attached letter for the above mentioned. Please do not respond to this mailbox with any queries related to the decision been issued. All queries on the attached decision must be directed to official whose contact details is listed as enquiries. I hope you find all in order.

Response

Please refer to the table of Comments and Responses regarding the attached letter of comments provided by the DFFE, below.

Mr Irwin Jukes

Date 2024/02/27 Method Email

Comment

Good day Jolene, Please register me as an Interested Party. My interest is the health of the stream and catchment, plus I live nearby. Please send me the relevant documents. Phone: *** Email: *** Regards,

Response

Good day, Thank you for your interest in the project. Please note that we are still in the early stages of the Environmental Impact Assessment (EIA) process and detailed studies are still being completed. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. You will be notified once the Scoping and EIA reports are available for public comment and review. Kindly find the attached Background Information Document. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Mrs Portia Makitla

Date 2024/04/18 Method Email

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Mrs Portia Makitla

Comment

Good morning Kindly find the attached comments. [Attachment]: Dear Mr Magaqa
COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED KELVIN POWER PLANT
COMBINED CYCLE GAS TURBINE PROJECT, GAUTENG PROVINCE The Directorate: Biodiversity
Conservation has reviewed and evaluated the reports. The Directorate: Biodiversity
Conservation has reviewed and evaluated the reports and does not have any objection to the
draft Scoping Report and the Plan of Study for EIA. To ensure the continued persistence of
ecosystems and that national conservation targets are achieved, it is essential that impacts on
sensitive and highly localised habitats are minimized or avoided altogether. The EIA report
must comply with 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. In conclusion, the Public Participation Process
documents related to Biodiversity EIA for review and queries should be submitted to the
Directorate: Biodiversity Conservation at Email; *** for the attention of Mr. Seoka Lekota.
Yours faithfully Mr Seoka Lekota

Response

Good day, Thank you for your email. We acknowledge receipt of the attached letter and
comments provided by the Directorate: Biodiversity Conservation. The EIA report will comply
with 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. Mr. Seoka Lekota (***), Ms. Portia Makitla and Ms.
Tebego Kgaphola will be notified of the availability of the environmental reports and associated
Public Participation Process documents for public review and comment.

Ria Barkhuizen

Date 2024/02/16 Method Email

Comment

Good day Please supply SANRAL with an A4 locality map as well as GPS co-ordinates pertaining
to your application. Maps and GPS co-ordinates together with the whole application can be
emailed to *** Kind regards

Response

Good day Ria, Thank you for your email. We would like to clarify that EIMS has been appointed
to undertake the necessary environmental authorisation process for the proposed project as per
the National Environmental Management Act (NEMA) Environmental Impact Assessment (EIA)
Regulations, 2014 as amended. We are not making an application to SANRAL, rather notifying
SANRAL as a potential Interested and Affected Party (I&AP) regarding the proposed project as
part of the Public Participation Process stipulated in NEMA EIA Regulations. The intention of our
notification to I&APs (SANRAL in this case) is to allow the I&AP the opportunity to participate in
the public participation process required as part of the environmental authorisation process. All
comments received by I&APs are recorded and addressed in the relevant environmental reports
which are sent to the competent authority to assist in granting or refusing an environmental
authorisation. However, as per your request, kindly find the attached KML file and locality map
of the proposed project. The centre point of the site is approximately 26° 6'45.84"S, 28°
11'36.42"E. Kindly note that *** have been included in this email. Should you have any further
queries/comments, please do not hesitate to contact EIMS.

Date 2024/03/26 Method Email

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Ria Barkhuizen

Comment

Good day Due to limit working hours, working from home & limited internet access, I won't be able to download the attachments. Please attached them to your email, send it to nrstat@nra.co.za, or send it via post to ***, to SANRAL's offices. Please include whole application as this one will be deleted. Kind regards Ria

Response

Good day Ria, Thank you for your email. Kindly note that SANRAL has been identified as a potential Interested & Affected Party (I&AP) for the project. The intention behind our notification to SANRAL is not to apply for anything at SANRAL, rather to provide SANRAL the opportunity to participate in the public participation process, which forms part of the environmental authorisation process for the project. All comments received from I&APs are included and addressed in the relevant environmental reports which are then considered by the competent authority to assist in the decision-making process regarding the environmental authorisation application. Kindly find the attached Locality map of the project as well as the notification letter regarding the availability of the Draft Scoping Report for public review and comment. Please note that this notification letter has already been sent to nrstat@nra.co.za, and nrstat@nra.co.za have also been copied in this email. This email also serves to confirm that Ria Barkhuizen (***) as well as nrstat@nra.co.za have been registered as I&APs for further communication regarding this project. We trust that this clarifies any confusion created by our notification to SANRAL. Please feel free to contact EIMS should you have any comments/queries regarding the Kelvin Power Station CCGT Plant project.

Marcellus Oliphant

Date 2024/02/15 Method Email

Comment

Good morning Jolene, I trust you are all well. I understand that you're involve in the environmental element of this gas to energy project. Would you be able to put me into contact with the relevant project managers in order for us to have discussions surrounding Massive Quantum becoming a supplier to this project. Massive Quantum is a service provider to the Energy sector among others, and holds a sole distributorship with Pleuger industries for the supply of various pumps in Southern Africa. Please find attached: - Massive Quantum Company profile - Pleuger Industries catalogue I hope you are able to pass this on to relevant stakeholders, it would be much appreciated.

Response

Dear Marcellus, Thank you for your email. Kindly note that EIMS has been appointed as independent Environmental Consultants to undertake the necessary environmental authorisation processes. The aim of our involvement is to acquire input/solicit comment from the public regarding the environmental application and as such are not involved in Kelvin Power's hiring and/or procurement processes. This email also serves to inform you that you have been registered as an Interested and Affected Party (I&AP) for this project for further communications regarding this project. Please feel free to contact EIMS should you have any comments/queries regarding the proposed Kelvin Power Station CCGT project.

Date 2024/03/01 Method Email

Comment

Good day Jolene, Thank you for the clarification. Much appreciated.

Response

EIMS noted the response as acknowledgement of receipt of the email sent to the I&AP dated 2024/03/01.

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Ntwanano Mendes

Date 2024/05/06 Method Email

Comment

Good day Stakeholder Engagement Team Please find attached SANBI's response to the invite to participate in the project with Reference number: 1607/JP/JW. Please feel free to contact either myself or Mr *** (copied here) if you have any questions or require any further information. [Attachment]: Please note that the South African National Biodiversity Institute (SANBI) did not register as an Interested and Affected Party (I&AP) for the application with Reference number 1607/JP/jw. SANBI kindly requests that you remove it as an I&AP for the above-mentioned applications. Please note that SANBI only participates in applications for Environmental Authorisation as an I&AP if the application is for a development on a SANBI property or a property adjacent to a SANBI property, or if the application would impact on an area that has been highlighted as a priority implementation area within one of SANBI's Bioregional Programmes. SANBI thus kindly declines to participate in this application as an I&AP at this point in time. SANBI is a public entity mandated to act in an advisory or consultative capacity on matters relating to biodiversity to the Department of Environmental Affairs (i.e. the 'competent authority'). The Department and its provincial counterparts are welcome to engage SANBI for advice and/or comment on specific matters related to biodiversity information relevant to this application, if such input is required. Such advice or comment is not equivalent, however, to the comment required as per the NEMA regulations from commenting authorities. SANBI restricts its comment to the accuracy and relevance of the biodiversity information that should inform the Environmental Assessment. SANBI thus also declines to participate as a commenting authority in this application. For comment on the biodiversity impacts of the development, please consult the relevant provincial conservation agency. I also encourage you to visit our web portal <http://biodiversityadvisor.sanbi.org> for free access to spatial biodiversity information relevant for land-use planning and decision-making processes. Referencing the spatial biodiversity resources found on the Biodiversity Advisor in the early stages of project development can support informed planning and decision-making while helping to timeously 'iron out' obstacles that might otherwise result in delays and additional costs to the project proponent. Such a proactive approach can:

- Show the decision-making authority that potential conflict between biodiversity priorities and other landuses has been identified and resolved by well-informed project planning;
- Allow the proponent to take an informed decision about the biodiversity (and administrative and, by implication, financial) risks of proceeding with a particular project; and
- Identify the scope, type and intensity of environmental assessment that is likely to be required if an application were to proceed.

This approach also supports best practice in environmental assessment and planning by:

- Ensuring that a project is consistent with the 'Duty of Care' principle (i.e. that the project proponent has taken reasonable measures to prevent significant degradation of the environment);
-

Response

Good day Ntwanano Mendes, Thank you for your email. We have deregistered SANBI from the list of I&APs for this project as per your request in the attached letter.

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Ntwanano Mendes

Emphasising the fundamental role of alternatives in selecting the best practicable environmental option; • Giving effect to the mitigation hierarchy, i.e the sequential avoidance, minimising, mitigating and remedying of impacts that may result in loss of biodiversity or disturbance to ecosystems; and • Supporting the principle that environmental management must pay specific attention to planning procedures pertaining to sensitive, vulnerable, highly dynamic or stressed ecosystems. Please feel free to contact me should you require any assistance or have any queries re: using the resources on our <http://biodiversityadvisor.sanbi.org> web portal. Yours sincerely Ntwanano Mendes

Mr Kyle Smith

Date 2024/02/14 Method Email

Comment

Dear Jolene, I trust you are well. We received this notice on our community group regarding the EIMS taking on the Environmental Authorisation Processes and provides your contact details Please can you provide us with more information as residents, what this means, how we are effected etc. Thank you Best regards,

Response

Good day, Thank you for your interest in the project. Please note that we are still in the early stages of the Environmental Impact Assessment (EIA) process and detailed studies are still being completed. You will be notified once the Scoping and EIA reports are available for public comment and review. Kindly find the attached Background Information Document. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Date 2024/02/20 Method Email

Comment

Good day Jolene I would like to register as an Interested and Affected Party, regarding Kelvin Please advise how this can be done. Thank you Best regards,

Response

Dear Mr Smith, Thank you for your interest in the project and the phone call earlier. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Date 2024/02/22 Method Telephone

Comment

EIMS returned a call to the I&AP who requested to be registered for the Kelvin project as they live in the area. The I&AP confirmed that they had seen the notification on a community group and the site notices that had been put up in the area. The I&AP provided their email address.

Response

EIMS recorded the I&AP's contact details and sent a response email to confirm their registration.

Date 2024/02/22 Method Email

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Mr Kyle Smith

Comment

Thank you so much Jolene appreciate. Best regards,

Date 2024/02/27 Method Email

Comment

Thank you Jolene Best regards,

Date 2024/03/15 Method Email

Comment

Thank you Best regards

Response

EIMS noted the response as receipt of the email sent to the I&AP dated 2024/02/22

Response

EIMS noted the response as acknowledgement of receipt of the email sent to the I&AP dated 2024/02/27.

Response

EIMS noted the response as acknowledgement of receipt of the Scoping Report Availability and Public Open Day notification.

Mr Cheleng Khotle

Date 2024/03/26 Method Email

Comment

Good Day AS discussed, last week I talked to a Gentle who promised he will give my details to Ms. Jolene Weber as she was on leave. Nobody has contacted me yet. May you kindly ask her to assist us in registering Ekurhuleni Health District under I&AP so that we can positively participate in this process. Your assistance will be appreciated. Thanks

Response

Good day Mr Khotle, Thank you for your interest in the project. We have registered the Ekurhuleni Health District as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Lumka Notuku

Date 2024/07/26 Method Email

Comment

Sir/Madam, I hope you're well. I'm doing some research for an upcoming EIA and would like to follow up on this project (Kelvin CCGT Power station), EIA reference: 12/12/20/2147. I'd like to know if there were any appeals to the EIA being approved by the competent authority. I'd essentially like to understand if the project received any negative attention. Please get back to me with feedback, your help will be greatly appreciated.

Response

Dear Lumka, Thank you for your email and interest in the Kelvin Power Station CCGT Plant project. Kindly note that the project is still in the EIA phase and therefore, no appeals have been made. The Draft Scoping Report can be found on the EIMS public participation website: <https://www.eims.co.za/public-participation/> This email serves to inform you that you have been registered as an Interested & Affected Party (I&AP) for this project and you will receive

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Lumka Notuku

further communication regarding this project and opportunities for Public Participation. Please feel free to contact EIMS should you have any comments/queries regarding the Kelvin Power Station CCGT Plant project.

Date 2024/07/26 Method Email

Comment

Noted, thanks Jolene.

Response

EIMS noted the response as acknowledgement of receipt of the previous response.

Noluthando Maraqana

Date 2024/02/15 Method Email

Comment

Good day Thank you for your enquiry. 1. Will these cylinders be for your own use or for the purpose of resale? 2. How many cylinders will you be needing? 3. Where are you based? 4. What application will the gas be used for? (e.g., Lab use/ Laser use /Workshop/Freshline etc.?) 5. Who's currently supplying you? 6. Name of Company?

Response

Good day, Thank you for your email. Kindly note that this is a notification regarding opportunity to participate in the Environmental Authorisation application process for the proposed project as per the National Environmental Management Act (NEMA) Environmental Impact Assessment (EIA) Regulations, 2014 as amended. As part of the Public Participation Process stipulated in the NEMA EIA Regulations, we identified Air Products as a potential Interested and Affected Party (I&AP). We are not making an enquiry to Air Products, rather the intention of this notification to I&APs (Air Products in this case) is to allow the I&AP the opportunity to participate in the public participation process required as part of the environmental authorisation process. All comments received by I&APs are recorded and addressed in the relevant environmental reports which are sent to the competent authority to assist in granting or refusing an environmental authorisation. We hope that this clarifies any confusion that our notification may have caused. Please feel free to contact EIMS should you have any comments/queries regarding the proposed Kelvin Power Station CCGT project.

Date 2024/03/01 Method Email

Comment

Good day *** Trust you are well, please can you kindly assist with the below enquiry.

Response

EIMS noted the email as part of internal correspondences. No response was necessary.

Mr Cedric du Trevou

Date 2024/02/15 Method Email

Comment

Response

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Mr Cedric du Trevou

Good day Jolene Webber , Thanks for the correspondence with regards to the proposed authorization application for Kelvin Power combined gas turbine plant . We are bordering the power station *** ** and would like some clarification on the potential impact that it would have on business and the surroundings . If we could be added to the public participation communication list it would be appreciated . Kind regards

Good day, Thank you for your interest in the project. Please note that we are still in the early stages of the Environmental Impact Assessment (EIA) process and detailed studies are still being completed. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. You will be notified once the Scoping and EIA reports are available for public comment and review. Kindly find the attached Background Information Document. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Date 2024/02/28 Method Email

Comment

Good morning Jolene , Thanks very much for your response and for adding me to the I&AP much appreciated. Will let you know should anything come up . Thanks again . Kind regards

Response

EIMS noted the response as acknowledgement of receipt of the email sent to the I&AP dated 2024/02/27.

Francina Mokoma

Date 2024/05/14 Method Email

Comment

Good day applicant Kindly send motivation, sketch plan, locality map and tittle deed and any other supporting documents to the department in order for us to process your application Regards

Response

Good day, Thank you for your email. Kindly note that EIMS have been appointed to undertake the necessary environmental authorisation process for the proposed Kelvin Power Station CCGT project – we are not making an application to DALRRD. As part of the public participation process, DALRRD was identified as a possible commenting authority. Kindly find the attached locality map and Background Information Document. Please note that the commenting period for the Draft Scoping Report is over, however, your comments will be included in the relevant environmental reports. This email serves to inform you that you (@Francina Mokoma) have been registered as an Interested & Affected Party (I&AP) for this project. All registered I&APs will continue to receive communication regarding this project. Please feel free to contact EIMS should you have any queries/comments regarding this project

Mr Nicholas Mutomba

Date 2024/02/15 Method Email

Comment

Good Day As a directly affected landowner in the area covered by this project, please include

Response

Good day, Thank you for your email and interest in the project. We have registered you as an

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Mr Nicholas Mutomba

me in your data base of I@APs. Contact details are as per below signature card. Best Regards

Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Reuben Holland

Date 2024/05/30 Method Email

Comment

For the attention of the EIMS Public Participation Team, I am emailing you to request that Natural Justice: Lawyers for the Community and the Environment be registered as an Interested and Affected Party for the project at Kelvin Power Station. The EIMS Reference Number is 1607. To ensure no communication is missed, please register the following emails as contacts at Natural Justice: *** and ***. Many thanks in advance, *** Legal Intern, Natural Justice

Response

Good day Reuben, Thank you for your email and interest in the Kelvin Power Station Combined Cycle Gas Turbine Plant project. We confirm that you, *** and *** have been registered as Interested and Affected Parties (I&APs) for further communication regarding this project. Please feel free to contact EIMS should you have any queries/comments regarding this project.

Evelyn Shogole

Date 2024/03/15 Method Email

Comment

Good day, Please find attached comments for your consideration. Regards, [Attachment]: Dear Sir/ Madam RE: COMMENTS ON THE NOTIFICATION REGARDING OPPORTUNITY TO PARTICIPATE IN ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED KELVIN POWER STATION COMBINED CYCLE GAS TURBINE PLANT, IN THE EKURHULENI METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE, SOUTH AFRICA. We acknowledge receipt of email dated 16 February 2024. The South African Civil Aviation Authority (CAA) is an agency of the Department of Transport (DoT). The Civil Aviation Act 13 of 2009 provides for the establishment of the CAA as a stand-alone authority mandated with controlling, promoting, regulating, supporting, developing, enforcing and continuously improving levels of safety and security throughout the civil aviation industry. The CAA exercises this mandate through the Civil Aviation Regulations (CARs). Please see our comments below: The proposed establishment of combined cycle gas turbine power plant will require a formal obstacle assessment to determine whether the proposed will pose a threat towards the safety of flights in anyway. The client must follow the application procedure and process must be followed as published on the SACAA website: <https://www.caa.co.za/industry-information/obstacles/.The> application must be forwarded to obstacles@caa.co.za together with the application: • A kmz/kml (Google

Response

Good day, Thank you for your email. We acknowledge receipt of the comments provided by SACAA. The applicant (Kelvin Power (Pty) Ltd) will be informed of this requirement and a formal application, if required, will be submitted by the applicant prior to commencement. Kindly note that this email also serves to confirm that you, and obstacles@caa.co.za have been registered as Interested & Affected Parties (I&APs) for this project to receive further communication regarding the project. Please feel free to contact EIMS should you have any comments/queries regarding the project.

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Evelyn Shogole

Earth) file reflecting the footprint to the proposed development site. • Provide coordinates, Height, and Elevation as per excel spreadsheet attached herein. • Transmission (Powerline) layout, include number of Pylons, Maximum height, and coordinates on the excel sheet attached herein (if there is a transmission line associated to the proposed). • Also indicate the highest structure of the project & the Overhead electric power transmission line. Yours sincerely, Ms. Evelyn Shogole Aviation Environmental Compliance Department

Mr Robert Couperthwaite

Date 2024/02/15 Method Email

Comment

Dear Jolene I wish to be registered as an interested and affected party for the above EIA. Reason:- I am the owner of ***, situated at ***. Our property is within a few hundred metres of the Kelvin Power Station fence as the crow flies. My company employs 12 full time employees on these premises. We have several vehicles that use the roads around Kelvin Power Station. Regards

Response

Good day, Thank you for your email and interest in the project. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. Please feel free to contact EIMS should you have any comments/queries regarding this project.

Date 2024/03/19 Method Telephone

Comment

EIMS received a call from Robert from Structures 2000. The I&AP acknowledged receipt of the DSR and Open Day notification. The I&AP stated that they have comments regarding the project and asked if they should wait to ask during the Open Day. The I&AP confirmed the correct project email address for their comment to be sent to.

Response

EIMS confirmed that the I&AP was welcome to send through their comments in the meantime for consideration prior to the Open Day or to make EIMS aware of their comment in preparation for the Open Day.

Date 2024/04/17 Method Email

Comment

Dear Jolene Thank you for the invitation to the presentation at Kelvin Power Station recently. It was good to meet the people and I was impressed with what I saw. Please include the following comment/request for consideration in the main EIA: - I am a business and property owner for 25 years in Spartan Extension 1, less than 1 km as the crow flies from Kelvin. I have grown used to the look of the cooling Towers and the large brick buildings which houses the boilers and compressors. Indeed I believe that they are an integral part of the heritage of the area. I therefore make an earnest request for these structures to be preserved, if at all possible. I have seen both in South Africa and worldwide how large industrial buildings can be re-purposed,

Response

Dear Mr Couperthwaite, Thank you for your email and continuous involvement in the Public Participation Process for the Kelvin Power Station CCGT Plant Project. Your comments are duly noted and will be captured in the environmental reports for consideration by the Competent Authority. Kindly see the below response to your comments: "I am a business and property owner for 25 years in Spartan Extension 1, less than 1 km as the crow flies from Kelvin. I have grown used to the look of the cooling Towers and the large brick buildings which houses the boilers and compressors. Indeed I believe that they are an integral part of the heritage of the area. I therefore make an earnest request for these structures to be preserved, if at all possible. I

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Mr Robert Couperthwaite

while still retaining their look. In fact, they often look better than they did before, but still retain their character. Please can the EIA look at ways to achieve this. Kind regards Robert Couperthwaite

have seen both in South Africa and worldwide how large industrial buildings can be re-purposed, while still retaining their look. In fact, they often look better than they did before, but still retain their character. Please can the EIA look at ways to achieve this.” The site proposed for the CCGT plant is the old A-Station site. Kindly note that a separate authorisation process for the decommissioning of the old A-Station site, which included a heritage assessment, has already been undertaken and granted approval. Much of the machinery and technology associated with the A-Station (although outdated and obsolete) forms part of the history of Kelvin Power Station and of the way electrical power generation was generated in the past. The heritage specialist that was involved in the previous decommissioning application gave the following recommendations to mitigate the impacts of the decommissioning and proposed demolition of the A-Station, and to preserve the history of Kelvin Power Station/electrical power generation:

- A selection of the old machinery, equipment and tools associated with the A station is to be preserved and displayed at the Kelvin Power Station as part of the preservation of its history;
- The provision & use of the non-sensitive and non-confidential original drawings and plans of A-Station as part of a display on the history of Kelvin Power Station at the site; and
- The erection of a display panel or panels describing the history of Kelvin Power Station and its function and role in the generation and supply of electricity to the greater Johannesburg region.

Due to the current layout of the proposed CCGT plant, the cooling towers for the A-Station will most likely be demolished as there is limited space available, however, the B-Station towers will still remain. Kindly note that analysis of the CCGT layout alternatives considered two main factors, namely, the land available and equipment layout. The assessment for the optimum location of the proposed development considered many aspects such as the decommissioning and demolition of the A-station infrastructure including the three cooling towers and location of existing servitudes, environmental, social, health and safety aspects and requirements both during construction and operational activities, as well as the need for temporary laydown areas, traffic, access and egress and optimisation and utilisation of existing infrastructure. A detailed analysis of each of the proposed layout designs submitted for optimisation of the CCGT plant and associated auxiliary equipment was undertaken on the identified land available for redevelopment. Following consideration of the various layout designs being proposed i.e., demolition, construction, commissioning, operational, maintenance, environmental, social, health and safety as well as access during these phases. Having identified the optimum configuration for CCGT plant layout, additional cognisance was considered for the placement of cooling towers downstream of prevailing winds, minor adjustments to the substation and evacuation transmission line’s location, as well as the proximity of gas turbine and cooling tower to neighbours. Therefore, there is limited opportunity to avoid removal of the A-Station cooling towers. Please feel free to contact EIMS should you have any further comments/queries regarding this project.

Mr Dennis Broski

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Mr Dennis Broski

Date 2024/03/14 Method Telephone

Comment

EIMS received a call from the I&AP. The I&AP requested information on how to register as an Interested & Affected Party for the project. EIMS explained that they could provide their contact details to be registered as an I&AP. The I&AP provided his email address and confirmed his contact number to be used when registering him as an I&AP.

Response

EIMS registered the I&AP as per the request.

Wayne Glossop

Date 2024/03/15 Method Email

Comment

PROJECT REFERENCE NUMBER: 1607 Good day, I have recently come across the EIA for the Kelvin 600MW CCGT gas project and wish to be registered as an I&AP. Unfortunately, the link to the Appendix C (which I presume is the application form for I&AP's) was not working on your website hence my email request here. <https://www.eims.co.za/wp-content/uploads/2024/Public/1607/DSR/AppC.zip> I am an independent consultant in the Gas Power development space and have an interest in understanding the progress of this project. Kind regards,

Response

Good day, Thank you for your email and interest in the project. We have registered you as an Interested and Affected Party (I&AP) on this project for further communications regarding the project. All comments received from I&APs are recorded and addressed in the relevant environmental reports and are considered by the competent authority to ensure that a well-informed decision is made. The link appears to be working on our side, kindly try the following link: <https://www.eims.co.za/public-participation/> Kindly also find the attached Appendix C zip file. Please feel free to contact EIMS should you have any comments/queries regarding this project or if you require any further assistance accessing the information.

Solomon Maruma

Date 2024/03/05 Method Email

Comment

Good day Please note that the whole farm with its portions is under claim. The claims were submitted by different claimants. The exact portion will only be determined during the investigation of the claim, which the Commission is currently interdicted by the Constitutional Court judgement not to work on the claims that were lodged between 2014 and 2016 as stated in the letter that was given to you. With regard to your request for a map, our office does not keep maps, we only deal with land claims. If our land claim researchers need maps, they contact on of the branches that are dealing with maps within the department Regards

Response

Good day, Thank you for your feedback. Given the limitations in determining the exact farm portion, we would like to kindly request the contact information of the land claimants indicated in the letter to facilitate direct communication regarding the ongoing project. If obtaining this information isn't feasible, would you be willing to receive the project details from us and relay them to all identified land claimants on our behalf?

Date 2024/03/06 Method Email

Comment

Response

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Solomon Maruma

Good day Please note that the Commission is not allowed to give claimants' contacts to the 3rd party without their consent, further note that land claims are lodged against the state, and not against the land owners. Please note that since the claims affecting your property are interdicted by the constitutional court judgement, the commission is not allowed to do anything that may be seen as processing of the claims. Regards

Good day, I acknowledge your feedback. Would you be able to circulate or inform the land claimants about the ongoing EIA process on their respective farm portions? It's essential to ensure their awareness of the ongoing development, as they may also hold an interest in the proposed project.

Xolani Innocent Sithole

Date 2024/03/07 Method Email

Comment

Dear Sir/Madam, I am a recent graduate in mechanical engineering from University of Johannesburg, and I am looking for a 3 months vacation work position to help me fully complete my degree. I would greatly appreciate any assistance you can provide in helping me find a position that will utilize my skills and theory part of my studies. I am confident that I have the necessary skills and abilities to be a valuable asset to any organization. Thank you for your time and consideration. Please see the attached CV, & WIL Letter below. Yours Sincerely,

Response

Good day, Thank you for your email. Kindly note that EIMS has been appointed as independent Environmental Consultants to undertake the necessary environmental authorisation processes. The aim of our involvement is to acquire input/solicit comment from the public regarding the environmental application and as such have no involvement in Kelvin Power's hiring processes. This email also serves to inform you that you have been registered as an Interested and Affected Party (I&AP) for this project for further communications regarding this project. Please feel free to contact EIMS should you have any comments/queries regarding the proposed Kelvin Power Station CCGT project.

Sindiso Dabata

Date 2024/02/17 Method Email

Comment

Good morning Jolene Webber We wish to declare our interest to the new Kelvin power station ,for future prospects kindly register our company Thuls and S Construction on your companies database . kind Regards

Response

Good day, Thank you for your email. Kindly note that EIMS has been appointed as independent Environmental Assessment Practitioner (EAP) to undertake the necessary environmental authorisation application processes. The aim of our involvement is to acquire input/solicit comment from the public regarding the environmental application and as such are not involved in Kelvin Power's hiring and/or procurement processes. This email also serves to inform you that you have been registered as an Interested and Affected Party (I&AP) for this project for further communications regarding this project.

Date 2024/03/02 Method Email

Comment

Thank you for the feedback.

Response

EIMS noted the response as acknowledgement of receipt of the previous email.

Comments and Responses 1607 Kelvin Power Station CCGT EIA WULA

Desiree Kgole

Date 2024/03/05 Method Email

Comment

Response

Good day Your enquiry to require supplementary information on the property in question is hereby acknowledged, Ms *** and Mr *** will be able to assist you further. regards

EIMS noted the response as acknowledgement of the enquiry sent to DALRRD on 4 March 2024.

APPENDIX C10

CORRESPONDENCE DOCUMENT

Please note that in an effort to protect the personal information of the Registered I&AP's the contact information of the I&APs will not be made publicly available. Should you require access to this document for the purposes of fulfilling your obligations under the NEMA EIA Regulations or other lawful right, please feel free to contact the EIMS Information officer at 011 789 7170 or popia@eims.co.za
