

## PROCESS NOTICES

13 October 2020

Dear Interested and Affected Party,

**DEVELOPMENT OF A THERMAL POWER DUAL FUEL FACILITY TO FORM PART OF A HYBRID GENERATION FACILITY TOGETHER WITH THE AUTHORISED HYPERION 1 & 2 SOLAR PV ENERGY FACILITIES, NEAR KATHU, NORTHERN CAPE PROVINCE**

**NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESSES**

Hyperion Solar Development (Pty) Ltd is proposing the development of a hybrid generation facility consisting of a dispatchable, dual fuel (liquid or gas) thermal generation plant that will work in combination with the authorised Hyperion 1 & 2 Solar PV Energy Facilities.

The hybrid thermal power facility, access road, and associated grid connection infrastructure are located approximately 15km north of Kathu within in the Gamagara Local Municipality which falls within jurisdiction of the John Taolo Gaetsewe District Municipality, Northern Cape Province. The power generated by the Hyperion hybrid generation facility will feed into the national electricity grid via an overhead 132kV power line to the existing Eskom Kalbas substation located to the south-west of the hybrid generation facility site. The thermal generation plant will include the following infrastructure:

- » Gas turbines or Reciprocating Engines
- » Access road
- » Truck entrance and parking facility
- » Regasification plant and fuel preparation plant
- » Dry cooling system for operating oils/chemicals
- » Fuel off-loading facility
- » Fuel storage facility
- » Water demineralisation plant
- » Substation, cabling, O&M building, fencing, warehouses and workshops

It is the developer's intention to bid the Hyperion hybrid facility (i.e. PV and thermal dual fuel facility together with the associated power line) into the procurement process initiated by the Independent Power Producer Office (IPP Office) for the procurement of up to 2000MW of dispatchable generation

capacity from a range of technologies. This allocation is in accordance with the new generation capacity required as specified in the Integrated Resource Plan 2019 and accompanying ministerial determination from the Minister for the Department of Mineral Resources and Energy (DMRE) to which the National Energy Regulator of South Africa (NERSA) has concurred. The IPP Office has initiated procurement for the 2000MW of capacity under the Risk Mitigation Independent Power Producer Procurement Programme (RMIPPPP). The RMIPPPP has been designed as a Strategic Integrated Project (SIP).

## **ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**

As per the EIA Regulations published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No 107 of 1998), the thermal dual fuel power facility will require Environmental Authorisation (EA) from the National Department of Environment, Forestry and Fisheries (DEFF) (in consultation with Northern Cape Environment Affairs and Nature Conservation (NC EANC)). In terms of sections 24 and 24D of the National Environmental Management Act (No 107 of 1998), as read with the EIA Regulations, 2014, as amended (GNR 324 - 327), a Scoping and EIA process is required to support the application for authorisation. The application for authorisation is required to be supported by comprehensive, independent environmental studies undertaken in accordance with the EIA Regulations, 2014, as amended, and relevant specialist protocols.

The applicant has appointed Savannah Environmental, as the independent environmental consultant, to undertake the EIA and public participation processes for the project to identify and assess all potential environmental impacts associated with the project and recommend appropriate mitigation measures. Desktop site-specific studies and assessments will be undertaken during the scoping phase process in order to delineate areas of potential sensitivity within the study area, which will then be fully assessed during the impact phase of the EIA.

As part of the environmental studies, Interested and Affected Parties (I&APs) will be actively involved through the public involvement process being undertaken by Savannah Environmental. You and/or the organisation, which you represent, has been identified as an I&AP for the proposed projects as described above. A Background Information Document (BID), which provides further information on the EIA process as well as the nature and extent of the proposed thermal facility, is attached to this letter and is also available for download from the Savannah Environmental Website <https://www.savannahsa.com/public-documents/energy-generation/hyperion-thermal-power-storage/>.

## **PUBLIC INVOLVEMENT PROCESS**

The public participation (PP) process will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the EIA process.

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

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

The benefits of the online stakeholder engagement platform include:

- » Ability to create a dedicated project-specific online platform to enable easy access to project-related information.
- » Ability to reach a wider audience, allowing more widespread consultation for major infrastructure projects.
- » Allowing stakeholders and I&APs the opportunity to engage on a project without leaving their office or home.
- » Enabling stakeholders and I&APs to register their interest in a project (for inclusion on the project database), and automatically gaining access to comprehensive project documentation.
- » Enabling the EAP to maintain a complete database of I&APs through maintaining a record of persons accessing the online stakeholder consultation platform.
- » Enabling the EAP and stakeholders/I&APs to meet virtually.
- » Provides a resilient solution to a public consultation process.

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

Should you have an interest in the project, please register yourself as an I&AP on our on line stakeholder engagement platform (link provided above) or by completing and returning the attached stakeholder registration/comment form. By registering on the project database, you will

be kept informed of the EIA process being undertaken for the project and will be provided with an opportunity to provide comment and input.

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

Kind regards

A handwritten signature in black ink, appearing to read "Nicolene".

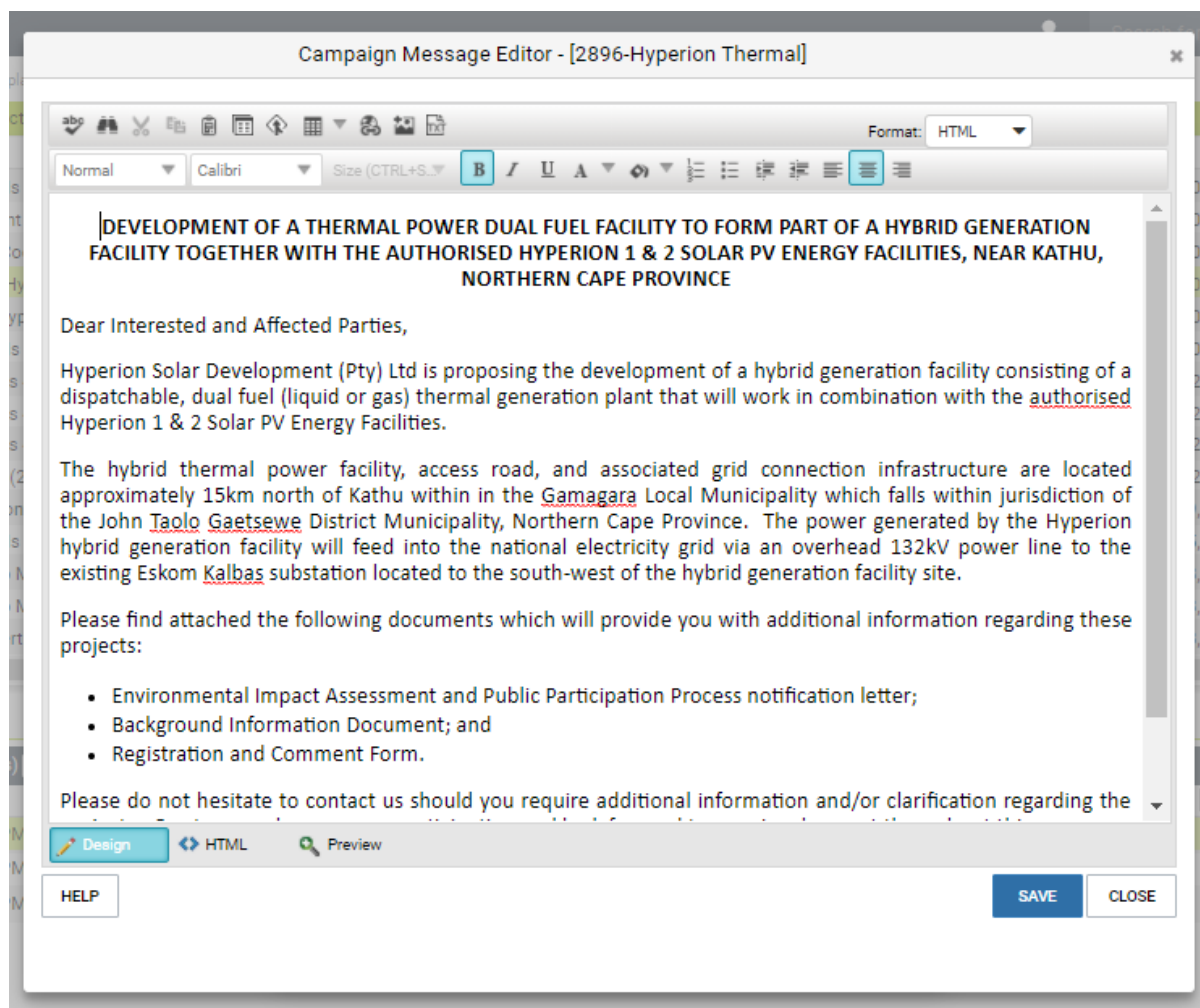
**Nicolene Venter**

Public Participation and Social Consultant

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Attached:** Background Information Document  
Registration and Comment Form

## Proof of email



[Print](#)

# Proof of email - Hyperion Thermal Energy Facilities: Notification of Environmental Impact Assessment and Public Participation Process

Date:  
Wednesday,  
October 14,  
2020  
Time: 4:39  
PM

Company	Last Name	First Name	
	Burger	Jan & Linda	
	Burger	Linda	
	Burger	Sakkie	
	Burger	Schalk	
	Knoesen	Thomas	
	Nel	Jurie	
	Spangenberg	Gerrit	
	Steyn	Nico	
	Vorster	Johan	
African Farmers Association of South Africa	Mahlati	Vuyo	
Agri Northern Cape	Jansen	Nicol	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	
Anglo American	Hlophe	Thokozani	
Anglo American	Mayer	Brenda	
Anglo American	Thokozani	Hlope	
BirdLife South Africa	Ralston Paton	Samantha	
BirdLife South Africa	Ralston-Paton	Samantha	
Bokkie Robinson Familie Trust	Robinson	Rupert	
Department of Agriculture, Forestry and Fisheries	Buthelezi	Thoko	
Department of Agriculture, Forestry and Fisheries	Mans	Jacoline	
Department of Agriculture, Forestry and Fisheries	Marubini	Mashudu	
Department of Energy	Masipa	Pheladi	
Department of Energy	Qase	Nomawethu	
Department of Environment, Forestry and Fisheries	Lekota	Seoka	
Department of Mineral Resources	Kika	Ntsikelelo	
Department of Mineral Resources	Mabaso	Sunday	
Department of Mineral Resources	Mutheiwana	Kevin	
Department of Mineral Resources	Nieuwoudt	Jasper	
Department of Mineral Resources and Energy	Maphinda	Mthetheleli	
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	
Department of Rural Development and Land Reform	Moeketsi	Kgotso	
Department of Water and Sanitation	Cloete	Shaun	
Department of Water and	Mahunonyane	Moses	

Sanitation			
Department of Water and Sanitation	Mokhoantle	Lerato	
Department of Water and Sanitation	Shibambu	Steven	
Department of Water and Sanitation	Shibambu	Steven	
Department of Water and Sanitation	Streuders	Kobus	
Earthlife Africa	Lekalakala (Secretary)	Makoma	
Earthlife Africa	Mokhine	Zini	
Endangered Wildlife Trust	Hoogstad	Constant	
Eskom Holdings SOC Ltd	Geeringh	John	
Eskom Holdings SOC Ltd	Henning	Wimpie	
Eskom Holdings SOC Ltd	Khanye	Nondwe	
Eskom Holdings SOC Ltd	van Gensen	Andrea	
Gamagara Local Municipality	Bitsangk	Lebo	
Gamagara Local Municipality	Bob	Jerome	
Gamagara Local Municipality	De Wee	Janine	
Gamagara Local Municipality	Estavao	Domingos	
Gamagara Local Municipality	Fleming	Kathy	
Gamagara Local Municipality	Itumeleng	Thusoeng	
Gamagara Local Municipality	Lekgadi	Boitumelo	
Gamagara Local Municipality	Leserwane	Kgomodikae	
Gamagara Local Municipality	Magagane	Neo	
Gamagara Local Municipality	Moroe	Anna	
Gamagara Local Municipality	Nqume	Frikkie	
Gamagara Local Municipality	Orpen	Monica	
Gamagara Local Municipality	Ositang	Kagiso	
Gamagara Local Municipality	Velishea	Charlott	
GTC Project Management (Pty) Ltd	Alberto		
John Taolo Gaetsewe District Municipality	Eilerd	Moses	
John Taolo Gaetsewe District Municipality	Leserwane	Dineo	
John Taolo Gaetsewe District Municipality	Molale	MG	
John Taolo Gaetsewe District Municipality	Molaole	Disang	
John Taolo Gaetsewe District Municipality	Mosikatse	Sofia	
John Taolo Gaetsewe District Municipality	Tongwane	T	
Kalahari Bulletin	Prins	Lecrecia	
Kathu Public Library	Tsalao	Theodore	
Loubser Familie Trust	Loubser	Cecilia	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource Authority)	Ratha	Timothy	
Northern Cape DENC	Cloete	Peter	
Northern Cape DENC	van Heerden	Denver	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Diteme	Ali	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	
Northern Cape Department of Environment & Nature Conservation	Fisher	Bryan	
Northern Cape Department of	Swart	Eslabe	



Environment & Nature Conservation			
Northern Cape Department of Environment and Nature Conservation	Ndzumo	Onwabile	
Northern Cape Department of Environment and Nature Conservation	Swart	Elsabe	
Northern Cape Department of Environment and Nature Conservation	Uys	Natalie	
Northern Cape Department of Roads and Public Works	Nogwili	Kholikile	
Northern Cape Department of Roads and Public Works	Palm	Ruth	
Northern Cape Department of Roads and Public Works	Roelofse	Jaco	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	De la Fontaine	Samantha	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	
Northern Cape Economic Development Agency	Mbobobo	Babalwa	
PNP Trust	Hager	Henrietta	
Saansveld Boerdery Bk	van Heerden	Andr�	
Saansveld Boerdery Bk	van Heerden	Andre	
Saansveld Boerdery Bk	van Heerden	Karl	
Saltrim Rances	Venter	Hendrik	
Sentech Ltd	Motlhake	Serame	
Sishen Iron Ore Company (Pty) Ltd	Voigt	Werner	
South African Chamber of Commerce and Industry	Mukoki	Alan	
South African Chamber of Commerce and Industry	Wadi	Albert	
South African Civil Aviation Authority	Stroh	Lizell	
South African Department of Defence	Zondi	Lt. Col. Kebasenos	
South African National Roads Agency Limited	Abrahams	Nicole	
South African Radio Astronomy Observatory (SARAO)	Matlhane	Selaelo	
South African Radio Astronomy Observatory (SARAO)	Sithole	Busang	
South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	
Telkom SA SOC Ltd	Bester	Amanda	
Telkom SA SOC Ltd	Shaw	Leonard	
Transnet SOC Ltd	Mcleod	Dylan	

Totals:

# Notification of Availability of Scoping Report

16 October 2020

Dear Interested and Affected Party,

**DEVELOPMENT OF A THERMAL POWER DUAL FUEL FACILITY TO FORM PART OF A HYBRID GENERATION FACILITY TOGETHER WITH THE AUTHORISED HYPERION 1 & 2 SOLAR PV ENERGY FACILITIES, NEAR KATHU, NORTHERN CAPE PROVINCE**

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**NOTICE OF AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT**

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- » Gas turbines or Reciprocating Engines
- » Access road
- » Truck entrance and parking facility
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It is the developer's intention to bid the Hyperion hybrid facility (i.e. PV and thermal dual fuel facility together with the associated power line) into the procurement process initiated by the Independent Power Producer Office (IPP Office) for the procurement of up to 2000MW of dispatchable generation capacity from a range of technologies. This allocation is in accordance with the new generation capacity required as specified in the Integrated Resource Plan 2019 and accompanying ministerial determination from the Minister for the Department of Mineral Resources and Energy (DMRE) to which the National Energy Regulator of South Africa (NERSA) has concurred. The IPP Office has initiated procurement for the 2000MW of capacity under the Risk Mitigation Independent Power Producer Procurement Programme (RMIPPPP). The RMIPPPP has been designed as a Strategic Integrated Project (SIP).

## AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT

As a registered Interested and Affected Party (I&AP), you are hereby notified that the Scoping Report (SR) is available for your review and comment from **Saturday, 17 October 2020** until **Tuesday, 17 November 2020**.

The report is available for downloading from our public participation platform at <https://www.savannahsa.com/public-documents/energy-generation/hyperion-thermal-power-storage/>

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement and gathering of people to curb the spread of the COVID-19 virus has placed some limitations on making hard copies of the Scoping Report available at public places such as libraries and municipal offices. As per our approved public participation plan submitted to the Department of Environment, Forestry and Fisheries (DEFF), you can also request that an electronic copy of the Scoping Report be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the Scoping Report by **Tuesday, 17 November 2020** via our public participation portal (link provided above) or:

Telephone: 011 656 3237  
Mobile: 060 978 8396  
Fax: 086 684 0547  
Post: PO Box 148, Sunninghill, 2157  
E-mail: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

All comments can be addressed to Nicolene Venter or Ronald Baloyi of Savannah Environmental.

All comments received during the 30-day review and comment period will be recorded and included in the Final Scoping Report for submission to the DEFF in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

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

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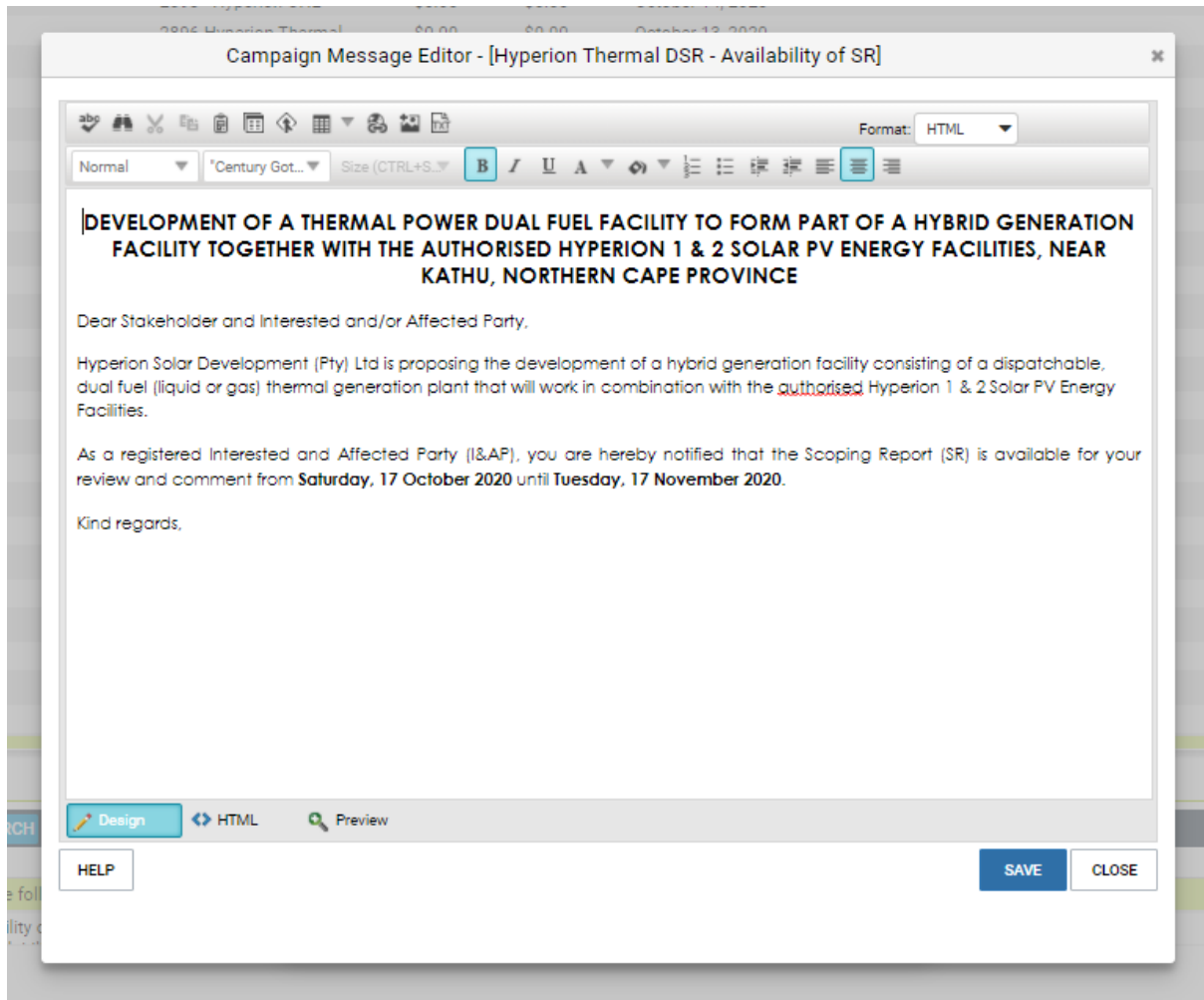


**Nicolene Venter**

Public Participation and Social Consultant

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Proof of email – HYPERION THERMAL GENERATION FACILITIES: Notification of Availability of Scoping Report for review and comment**



[Print](#)

# Proof of email – HYPERION THERMAL GENERATION FACILITIES: Notification of Availability of Scoping Report for review and comment

Date: Friday,  
October 16,  
2020  
Time: 10:49  
AM

Company	Last Name	First Name	
	Burger	Jan & Linda	
	Burger	Linda	
	Burger	Sakkie	
	Burger	Schalk	
	Knoesen	Thomas	
	Meyer	Alberto	
	Nel	Jurie	
	Spangenberg	Gerrit	
	Steyn	Nico	
	Vorster	Johan	
African Farmers Association of South Africa	Mahlali	Vuyo	
Agri Northern Cape	Bredenkamp	Jim	
Agri Northern Cape	Jansen	Nicol	
Agri Northern Cape	Loubscher	Elias	
Agri SA	Liebenberg	Thea	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	
Altech Netstar	Swart	Frans	
Anglo American	Hlophe	Thokozani	
Anglo American	Mayer	Brenda	
Anglo American	Voight	Werner	
BirdLife South Africa	Ralston Paton	Samantha	
Bokkie Robinson Familie Trust	Robinson	Rupert	
Cell C	Joubert	Brian	
Cell C	Kasseepursad	Harish	
CellC	Otto	Marius	
Department of Agriculture, Forestry and Fisheries	Buthlezi	Thoko	
Department of Agriculture, Forestry and Fisheries	Mans	Jacoline	
Department of Agriculture, Forestry and Fisheries	Marubini	Mashudu	
Department of Energy	Masipa	Pheladi	
Department of Energy	Qase	Nomawethu	
Department of Environment, Forestry and Fisheries	Lekota	Seoka	
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Department of Mineral Resources	Mocumi	Precious	
Department of Mineral Resources	Mutheiwana	Kevin	
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Eskom Holdings SOC Ltd	Bergh	S	
Eskom Holdings SOC Ltd	Geeringh	John	
Eskom Holdings SOC Ltd	Henning	Wimpie	
Eskom Holdings SOC Ltd	Khanye	Nondwe	
Eskom Holdings SOC Ltd	van Gensen	Andrea	
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Northern Cape Department of Roads and Public Works	Palm	Ruth	
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Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	
Northern Cape Economic Development Agency	Mbobo	Babalwa	

PNP Trust	Hager	Henrietta	
Royal Chaka Minerals (Pty) Ltd	Chaka	Thabo	
Saansveld Boerdery Bk	van Heerden	Andr�	
Saansveld Boerdery Bk	van Heerden	Andre	
Saansveld Boerdery Bk	van Heerden	Karl	
Saltrim Rances	Venter	Hendrik	
Sentech Ltd	Motlhake	Serame	
Sishen Iron Ore Company (Pty) Ltd	Hager	Hannes	
Sishen Iron Ore Company (Pty) Ltd	Voigt	Werner	
South African Chamber of Commerce and Industry	Mukoki	Alan	
South African Chamber of Commerce and Industry	Wadi	Albert	
South African Civil Aviation Authority	Stroh	Lizell	
South African Department of Defence	Zondi	Lt. Col. Kebasenosi	
South African National Roads Agency Limited	Abrahams	Nicole	
South African Police Services	De Reuck	A	
South African Radio Astronomy Observatory (SARAO)	Matlhane	Selaelo	
South African Radio Astronomy Observatory (SARAO)	Monama	Tshegofatso	
South African Radio Astronomy Observatory (SARAO)	Sithole	Busang	
South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	
Telkom SA SOC Ltd	Bester	Amanda	
Telkom SA SOC Ltd	Shaw	Leonard	
Transnet SOC Ltd	Kilian	Geraldine	
Transnet SOC Ltd	Mcleod	Dylan	
Vodacom	Barnard	Hennie	
Vodacom	Fourie	Nico	
Weather SA	Jardine	Rydall	
Totals:			



## ORGANS OF STATE

16 October 2020

Dear Stakeholder,

**DEVELOPMENT OF A THERMAL POWER DUAL FUEL FACILITY TO FORM PART OF A HYBRID GENERATION FACILITY TOGETHER WITH THE AUTHORISED HYPERION 1 & 2 SOLAR PV ENERGY FACILITIES, NEAR KATHU, NORTHERN CAPE PROVINCE**

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**NOTICE OF AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT**

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## AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT

In terms of Regulation 43(2) of the EIA Regulations, 2014, as amended, this letter serves to inform you, as commenting official from your Department, that the Scoping Report is available for review and written comments. The Scoping Report's review and comment period is from **Saturday, 17 October 2020** until **Tuesday, 17 November 2020**.

The report is available for downloading from our public participation platform at <https://www.savannahsa.com/public-documents/energy-generation/hyperion-thermal-power-storage/>

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Mobile: 060 978 8396  
Fax: 086 684 0547  
Post: PO Box 148, Sunninghill, 2157  
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Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards

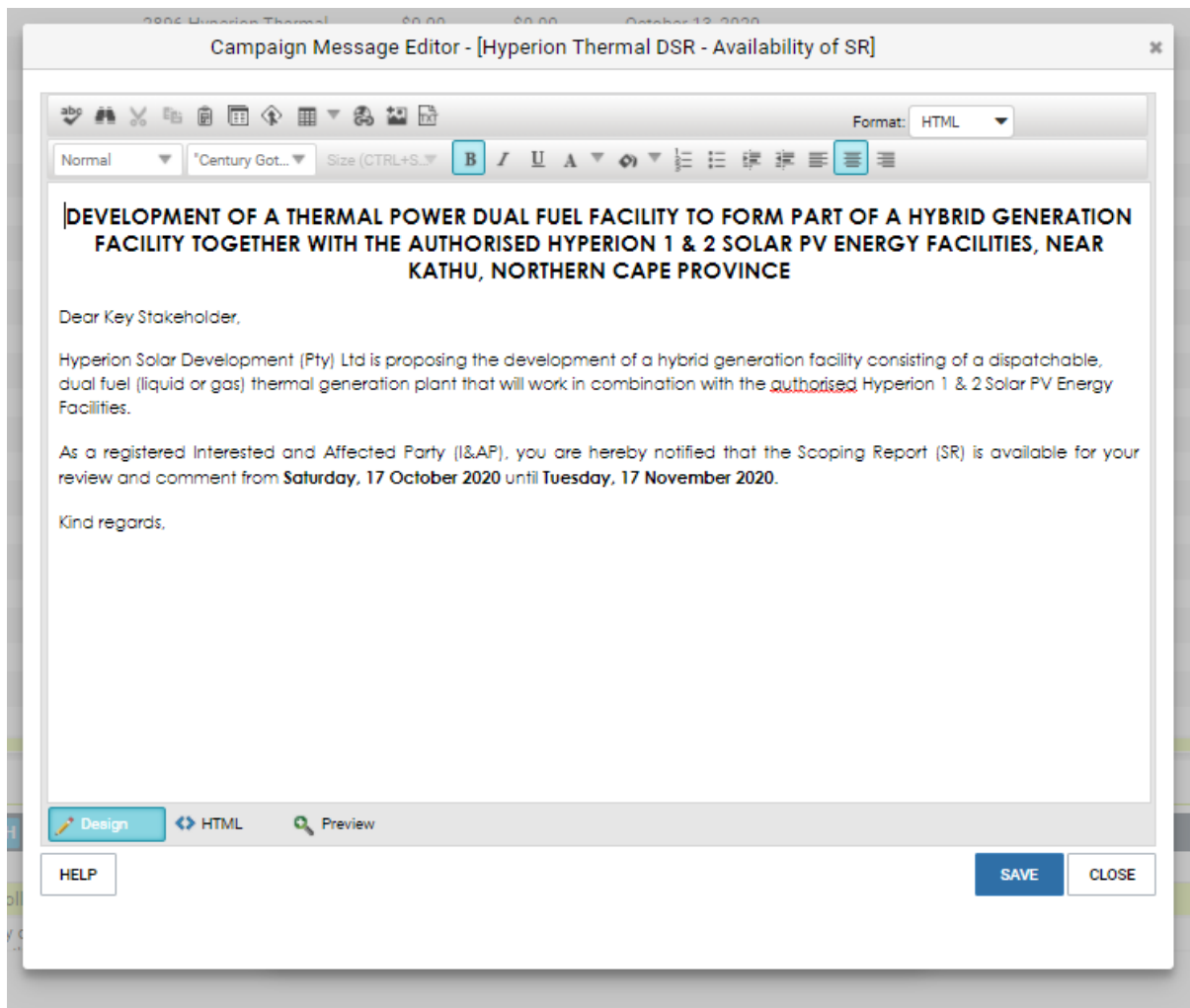


**Nicolene Venter**

Public Participation and Social Consultant

Email: [publicprocess@savannahsa.com](mailto:publicprocess@savannahsa.com)

**Proof of email – HYPERION THERMAL GENERATION FACILITIES: Notification of Availability of Scoping Report for review and comment**



[Print](#)

# Proof of email - Hyperion Thermal Energy Facilities: Notification of Availability of Scoping Report for review and comment

Date: Friday,  
October 16,  
2020  
Time: 11:11  
AM

Company	Last Name	First Name	
	Burger	Jan & Linda	
	Burger	Linda	
	Burger	Sakkie	
	Burger	Schalk	
	Knoesen	Thomas	
	Spangenberg	Gerrit	
	Steyn	Nico	
	Vorster	Johan	
Department of Agriculture, Forestry and Fisheries	Buthlezi	Thoko	
Department of Agriculture, Forestry and Fisheries	Mans	Jacoline	
Department of Agriculture, Forestry and Fisheries	Marubini	Mashudu	
Department of Energy	Masipa	Pheladi	
Department of Energy	Qase	Nomawethu	
Department of Environment, Forestry and Fisheries	Lekota	Seoka	
Department of Mineral Resources	Kika	Ntsikelelo	
Department of Mineral Resources	Mabaso	Sunday	
Department of Mineral Resources	Mocumi	Precious	
Department of Mineral Resources	Mutheiwana	Kevin	
Department of Mineral Resources	Nieuwoudt	Jasper	
Department of Mineral Resources and Energy	Maphinda	Mthetheleli	
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	
Department of Rural Development and Land Reform	Moeketsi	Kgotso	
Department of Water and Sanitation	Cloete	Shaun	
Department of Water and Sanitation	Mahunonyane	Moses	
Department of Water and Sanitation	Mokhoantle	Lerato	
Department of Water and Sanitation	Shibambu	Steven	
Department of Water and Sanitation	Shibambu	Steven	
Department of Water and Sanitation	Streuders	Kobus	
Gamagara Local Municipality	Bob	Jerome	
Gamagara Local Municipality	De Wee	Janine	
Gamagara Local Municipality	Estavao	Domingos	
Gamagara Local Municipality	Fleming	Kathy	
Gamagara Local Municipality	Itumeleng	Thusoeng	
Gamagara Local Municipality	Leserwane	Kgomodikae	
Gamagara Local Municipality	Ositang	Kagiso	
John Taolo Gaetsewe District Municipality	Eilerd	Moses	
John Taolo Gaetsewe District Municipality	Leserwane	Dineo	
John Taolo Gaetsewe District Municipality	Molale	MG	
John Taolo Gaetsewe District Municipality	Molaole	Disang	
John Taolo Gaetsewe District Municipality	Mosikatse	Sofia	
John Taolo Gaetsewe District Municipality	Tongwane	T	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage	Ratha	Timothy	

Resource Authority)			
Northern Cape DENC	Cloete	Peter	
Northern Cape DENC	van Heerden	Denver	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Diteme	Ali	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	
Northern Cape Department of Environment & Nature Conservation	Fisher	Bryan	
Northern Cape Department of Environment & Nature Conservation	Swart	Eslabe	
Northern Cape Department of Environment and Nature Conservation	Ndzumo	Onwabile	
Northern Cape Department of Environment and Nature Conservation	Swart	Elsabe	
Northern Cape Department of Environment and Nature Conservation	Uys	Natalie	
Northern Cape Department of Roads & Public Works	Nogwili	Kholikile	
Northern Cape Department of Roads & Public Works	Roelofse	Jaco	
Northern Cape Department of Roads & Public Works	Sithole	Menelisi	
Northern Cape Department of Roads and Public Works	Palm	Ruth	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	De la Fontaine	Samantha	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	
Northern Cape Economic Development Agency	Mbobobo	Babalwa	
South African National Roads Agency Limited	Abrahams	Nicole	

Totals:

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Savannah Environmental  
Website Uploads

## Hyperion Thermal Generation Facilities

# Development of a Thermal Power Dual Fuel Facility to Form Part of a Hybrid Generation Facility Together With the Authorised Hyperion 1 & 2 Solar PV Energy Facility, Near Kathu, Northern Cape Province

Applicant: Hyperion Solar Development (Pty) Ltd.

Proposed Activity: The development of a hybrid generation facility consisting of a dispatchable, dual fuel (liquid or gas) thermal generation plant that will work in combination with the authorised Hyperion PV Solar Energy Facility (SEF) complex. The power generated by the thermal facility and authorised Hyperion PV facility complex will connect via an overhead 132kV power line to the existing Eskom Kalbas substation. The thermal generation plant will include the following infrastructure:

- » Gas turbines or Reciprocating Gas Engines
- » Access road
- » Truck entrance and parking facility
- » Regasification plant and fuel preparation plant
- » Dry cooling system for operating oils/chemicals
- » Fuel off-loading facility
- » Fuel storage facility
- » Water demineralisation plant
- » Substation, cabling, O&M building, fencing, warehouses and workshops

Location: The proposed thermal power facility and associated infrastructure are located approximately 22km north of Kathu within in the Gamagara Local Municipality which falls within jurisdiction of the John Taolo Gaetsewe District Municipality, Northern Cape Province on the Remainder of the Farm Lyndoch 432 and Portion 1 of Farm 464. The proposed thermal power facility is to be located within the authorised Hyperion 1 & 2 PV SEF site.

Environmental Impact Assessment Process: In terms of Sections 24 and 24D of the National Environmental Management Act (No 107 of 1998), as read with the EIA Regulations, GNR 982-985 of 4 December 2014, as amended, a Scoping and EIA process is required to be undertaken for the proposed 75MW Thermal Power Dual Fuel facility and its associated infrastructure. A separate Basic Assessment process is required to be undertaken for the associated 132kV Transmission infrastructure.

Scoping Report Available for Review: A Scoping Report is available for review and comment. The report can be viewed at <https://www.savannahsa.com/public-documents/energy-generation/hyperion-thermal-power-storage/> from 17 October 2020 - 17 November 2020. The due date for written comment is 17 November 2020.

Public Participation Process: Savannah Environmental (Pty) Ltd has been appointed as the independent environmental consultant responsible for undertaking the EIA and Public Participation processes in support of these applications for EA. To obtain further information on the projects and to register on the project database, please submit your name, contact information and interest in the project as per the details below.

Consultation Meetings: Consultation meetings will be held with relevant I&APs and stakeholders via an appropriate forum during the review period. Should you wish to be included in these meetings or receive further information on the project please contact us as per the details below:

**Nicolene Venter at Savannah Environmental**  
P.O. Box 148, Sunninghill, 2157

Tel: 011 656 3237 / Fax: 086 684 0547

Email: [nicolene@savannahsa.com](mailto:nicolene@savannahsa.com)

Website: [www.savannahsa.com](http://www.savannahsa.com)

---

Documents for public review are available for download.



## Downloads

### Hyperion Thermal Generation Facilities

[75MW Thermal Generation Facility DSR Full Report](#)

[Appendix A- EIA Project Consulting Team](#)

[Appendix B - Maps](#)

[Appendix B1 - Locality Map](#)

[Appendix B2 - Cumulative Map](#)

[Appendix B3 - Sensitivity Map](#)

[Appendix C1 - I&AP Database](#)

[Appendix C2 - Site Notice and Newspaper Advertisement](#)

[Appendix C3 - Background Information Document](#)

[Appendix C4 - Organs of State Correspondence](#)

[Appendix C5 - Stakeholder Correspondence](#)

[Appendix C6 - Comments Received](#)

[Appendix C7 - Minutes of meetings](#)

Appendix C7 - Minutes of meetings

Appendix C8 - Comments and Responses Received

Appendix C9 - Public Participation Plan and Approval

Appendix D - Terrestrial Ecology Scoping Study

Appendix E - Freshwater Scoping Study

Appendix F - Soil & Agricultural Potential Scoping Study

Appendix G - Heritage Scoping Study

Appendix H - Air Quality Scoping Study

Appendix I - Noise Scoping Study

Appendix J - Visual Scoping Study

Appendix K - Social Scoping Study

Appendix L - EAP Affirmation

Appendix M - DEA Screening Tool Report

Appendix N - Specialist Declarations

SAHRIS

Website Uploads

# Hyperion Thermal Power Facility

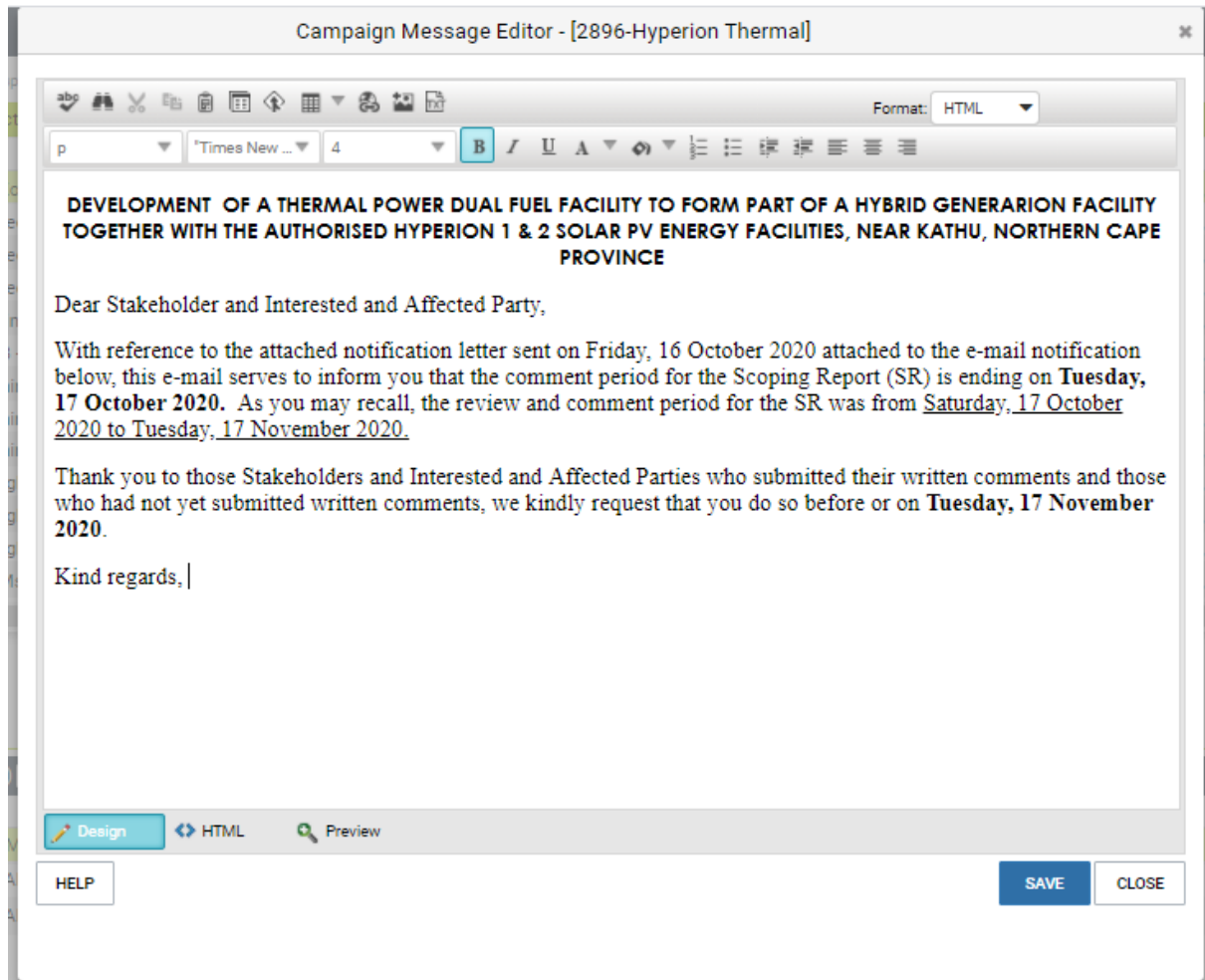
[Add new comment](#) [Subscribe to: This post](#) 27 reads

CaseHeader	LocationInfo	Admin	
<b>Status:</b> Studies Pending			
<b>HeritageAuthority(s):</b> SAHRA NBKB			
<b>Case Type:</b> Section 38 (8) - Statutory Comment Required			
<b>Development Type:</b> Infrastructure			
<b>ProposalDescription:</b> Hyperion Solar Development (Pty) Ltd proposing the development of a hybrid generation facility consisting of a dispatchable, dual fuel (liquid or gas) thermal generation plant that will work in combination with the authorised Hyperion PV Solar Energy Facility (SEF) complex. The power generated by the thermal facility and authorised Hyperion PV facility complex will connect via an overhead 132kV power line to the existing Eskom Kalbas substation. The thermal generation plant will include the following infrastructure			
<b>ApplicationDate:</b> Friday, October 16, 2020 - 21:43			
<b>CaseID:</b> 15642			
<b>Applicants:</b> Hyperion Solar Development (Pty) Ltd			
<b>OtherReferences:</b>			
Dept	CaseReference	DueDate	FinalDecision
DEA			
<b>Heritage Reports:</b> Hyperion Thermal Power Facility			
<b>ReferenceList:</b>			

## AdditionalDocuments

1.  03.75MW Thermal Generation Facility DSR Full Report.Final-compressed.pdf
2.  04.Appendix A- EIA Project Consulting Team.pdf
3.  05.Appendix B - Maps.pdf
4.  06.Appendix B1 - Locality Map.pdf
5.  07.Appendix B2 - Cumulative Map.pdf
6.  08.Appendix B3 - Sensitivity Map.pdf
7.  09.Appendix C1 - I&AP Database.pdf
8.  10.Appendix C2 - Site Notice and Newspaper Advertisement.pdf
9.  11.Appendix C3 - Background Information Document.pdf
10.  12.Appendix C4 - Organs of State Correspondence.pdf
11.  13.Appendix C5 - Stakeholder Correspondence.pdf
12.  14.Appendix C6 - Comments Received.pdf
13.  15.Appendix C7 - Minutes of meetings.pdf
14.  16.Appendix C8 - Comments and Responses Received.pdf
15.  17.Appendix C9 - Public Participation Plan and Approval.pdf
16.  18.Appendix D - Terrestrial Ecology Scoping Study.pdf
17.  19.Appendix E - Freshwater Scoping Study.pdf
18.  20.Appendix F - Soil & Agricultural Potential Scoping Study.pdf
19.  22.Appendix H - Air Quality Scoping Study.pdf
20.  23.Appendix I - Noise Scoping Study.pdf
21.  24.Appendix J - Visual Scoping Study\_compressed.pdf
22.  25.Appendix K - Social Scoping Study.pdf
23.  26.Appendix L - EAP Affirmation.pdf
24.  27.Appendix M - DEA Screening Tool Report.pdf
25.  28.Appendix N - Specialist Declarations.pdf

**Proof of email – Hyperion Thermal Generation Facilities: Notification of Availability of Scoping Report for Review and Comment period ending soon**



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# Proof of email - Hyperion Thermal Energy Facilities: Notification of Availability of Scoping Report for review and comment period ending soon

Date:  
Tuesday,  
November 24,  
2020  
Time: 3:21  
PM

Company	Last Name	First Name	
	Burger	Jan & Linda	
	Burger	Linda	
	Burger	Sakkie	
	Burger	Schalk	
	Knoesen	Thomas	
	Meyer	Alberto	
	Nel	Jurie	
	Spangenberg	Gerrit	
	Steyn	Nico	
	Vorster	Johan	
African Farmers Association of South Africa	Mahlati	Vuyo	
Agri Northern Cape	Bredenkamp	Jim	
Agri Northern Cape	Jansen	Nicol	
Agri Northern Cape	Loubscher	Elias	
Agri SA	Liebenberg	Thea	
Air Traffic and Navigation Services (ATNS)	Masilela	Simphiwe	
Altech Netstar	Swart	Frans	
Anglo American	Hlophe	Thokozani	
Anglo American	Mayer	Brenda	
Anglo American	Voight	Werner	
BirdLife South Africa	Ralston Paton	Samantha	
Bokkie Robinson Familie Trust	Robinson	Rupert	
Cell C	Joubert	Brian	
Cell C	Kasseepursad	Harish	
Cell C	Otto	Marius	
Department of Agriculture, Forestry and Fisheries	Buthlezi	Thoko	
Department of Agriculture, Forestry and Fisheries	Mans	Jacoline	
Department of Agriculture, Forestry and Fisheries	Marubini	Mashudu	
Department of Energy	Masipa	Pheladi	
Department of Energy	Qase	Nomawethu	
Department of Environment, Forestry and Fisheries	Lekota	Seoka	
Department of Environmental Affairs	Khumalo	Thulie N	
Department of Mineral Resources	Kika	Ntsikelelo	
Department of Mineral Resources	Mabaso	Sunday	
Department of Mineral Resources	Mocumi	Precious	
Department of Mineral Resources	Mutheiwana	Kevin	
Department of Mineral Resources	Nieuwoudt	Jasper	
Department of Mineral Resources and Energy	Maphinda	Mthetheleli	
Department of Rural Development and Land Reform	Makgalemele	Nozizwe	
Department of Rural Development and Land Reform	Moeketsi	Kgotso	
Department of Water and Sanitation	Cloete	Shaun	

Department of Water and Sanitation	Mahunonyane	Moses	
Department of Water and Sanitation	Mokhoantle	Lerato	
Department of Water and Sanitation	Shibambu	Steven	
Department of Water and Sanitation	Streuders	Kobus	
Earthlife Africa	Lekalakala (Secretary)	Makoma	
Endangered Wildlife Trust	Hoogstad	Constant	
Eskom Holdings SOC Ltd	Bergh	S	
Eskom Holdings SOC Ltd	Geeringh	John	
Eskom Holdings SOC Ltd	Henning	Wimpie	
Eskom Holdings SOC Ltd	Khanye	Nondwe	
Eskom Holdings SOC Ltd	van Gensen	Andrea	
G7 Renewable Energies (Pty) Ltd	Fyfe	Veronique	
Gamagara Local Municipality	Bob	Jerome	
Gamagara Local Municipality	De Wee	Janine	
Gamagara Local Municipality	Estavao	Domingos	
Gamagara Local Municipality	Fleming	Kathy	
Gamagara Local Municipality	Itumeleng	Thusoeng	
Gamagara Local Municipality	Leserwane	Kgomodikae	
Gamagara Local Municipality	Ositang	Kagiso	
GTC Project Management (Pty) Ltd	Alberto		
John Taolo Gaetsewe District Municipality	Eilerd	Moses	
John Taolo Gaetsewe District Municipality	Leserwane	Dineo	
John Taolo Gaetsewe District Municipality	Molale	MG	
John Taolo Gaetsewe District Municipality	Molaole	Disang	
John Taolo Gaetsewe District Municipality	Mosikatse	Sofia	
John Taolo Gaetsewe District Municipality	Tongwane	T	
Kalahari Bulletin	Prins	Lecrecia	
Kathu Public Library	Tsalao	Theodore	
Loubser Familie Trust	Loubser	Cecilia	
MTN	Nel	Renier	
Ngwao-Boswa Ya Kapa Bokone (N Cape Prov Heritage Resource Authority)	Ratha	Timothy	
Northern Cape DENC	Cloete	Peter	
Northern Cape DENC	van Heerden	Denver	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Diteme	Ali	
Northern Cape Department of Agriculture, Land Reform & Rural Development	Mothibi	Wonders Dimakatso Viljoen	
Northern Cape Department of Environment and Nature Conservation	Ndzumo	Onwabile	
Northern Cape Department of Environment and Nature Conservation	Uys	Natalie	
Northern Cape Department of Roads & Public Works	Nogwili	Kholikile	
Northern Cape Department of Roads & Public Works	Roelofse	Jaco	
Northern Cape Department of Roads & Public Works	Sithole	Menelisi	
Northern Cape Department of Roads and Public Works	Palm	Ruth	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Badenhorst	Dewald	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	De la Fontaine	Samantha	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Fisher	Bryan	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Moleko	Dineo	
Northern Cape Dept of Agriculture, Env Affairs, Rural Dev & Land Reform	Swart	Elsabe	
Northern Cape Economic Development Agency	Mbobo	Babalwa	
PNP Trust	Hager	Henrietta	
Royal Chaka Minerals (Pty) Ltd	Chaka	Thabo	
Saansveld Boerdery Bk	van Heerden	Andr�	
Saansveld Boerdery Bk	van Heerden	Andre	
Saansveld Boerdery Bk	van Heerden	Karl	
Saltrim Ranches	Venter	Hendrik	
Savannah Environmental (Pty) Ltd	.		
Sentech Ltd	Motlhake	Serame	

Sentech Ltd	Venter	Marius	
Sishen Iron Ore Company (Pty) Ltd	Hager	Hannes	
Sishen Iron Ore Company (Pty) Ltd	Voigt	Werner	
South African Chamber of Commerce and Industry	Mukoki	Alan	
South African Chamber of Commerce and Industry	Wadi	Albert	
South African Civil Aviation Authority	Stroh	Lizell	
South African Department of Defence	Zondi	Lt. Col. Kebasenosi	
South African Heritage Resources Agency	Higgitt	Natasha	
South African National Roads Agency Limited	Abrahams	Nicole	
South African Police Services	De Reuck	A	
South African Radio Astronomy Observatory (SARAO)	Matlhane	Selaelo	
South African Radio Astronomy Observatory (SARAO)	Monama	Tshegofatso	
South African Radio Astronomy Observatory (SARAO)	Sithole	Busang	
South African Radio Astronomy Observatory (SARAO)	Tiplady	Adrian	
Telkom SA SOC Ltd	Bester	Amanda	
Telkom SA SOC Ltd	Shaw	Leonard	
Transnet Freight Rail	Maharaj	Verishnee	
Transnet SOC Ltd	Kilian	Geraldine	
Vodacom	Barnard	Hennie	
Vodacom	Fourie	Nico	
Weather SA	Jardine	Rydall	

Totals:

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