



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	
NEAS Reference Number:	DEA/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 the Regulations)

PROJECT TITLE

Proposed 65.9MW Solar PV Facility at Tutuka Power Station, Mpumalanga Province

Kindly note that:

1. This application form is current as of 08 December 2014. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
5. This application must be handed in at the offices of the relevant competent authority as determined by the Act and Regulations.
6. No faxed or e-mailed applications will be accepted. An electronic copy of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).
7. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.
8. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted.
9. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for

consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

Departmental Details

The application must be addressed to the Chief Directorate: Integrated Environmental Authorisations at:

Postal address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Attention: Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia
Pretoria

Queries must be addressed to the contact below:

Tel: 012 399 9372

E-mail: EIAAdmin@environment.gov.za

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at <http://www.environment.gov.za/> for the latest version of the documents.

1. PROOF OF PAYMENT

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**

Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or
The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	
The applicant is an organ of state	x

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000

Department of Environmental Affairs' details for the payment of application fees:

<p>Payment Enquiries: Tel: 012 399 9119 Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account Reference number : Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude eg. -33.918861/18.423300</p> <p>Proof of payment must accompany the application form: Indicate reference number below.</p> <p>Tax exemption status: Status: Tax exempted</p> <p>Reference number: : -26.776570/ 29.364380</p>
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2. PROJECT DESCRIPTION

Please provide a **detailed** description of the project.

Eskom Holding SOC Ltd is proposing to establish a 65.9MW PV facility and associated infrastructure on a site within the Tutuka coal fired power station boundary, approximately 28 km north-east of the Standerton in Mpumalanga Province. The proposed site falls within the jurisdiction of the Gert Sibande District Municipality and Lekwa Local Municipality.

The PV facility is proposed to be constructed over an area of approximately 99 hectares in extent. The associated infrastructure which is required for the facility includes, inter alia:

- » Arrays of photovoltaic (PV) panels.
- » Mounting structures to support the PV panels.
- » Cabling between the project components.
- » Inverters/transformer enclosures.
- » An on-site substation or switching station.
- » A power line to facilitate the connection of the solar energy facility to the existing substation at the Tutuka power station.
- » Internal access roads.
- » Buildings (which could include workshop area for maintenance and storage, and an on-site office)

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES	
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If YES, please indicate which SIPs are applicable in **Appendix 2**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **Appendix 2**

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

It must be noted that the project is a potential SIP project and would only become registered as a SIP project if selected as a preferred bidder project by the DoE (or through some other entity as may be legally able to do so at the time when the project is implemented)

Table 1

Green economy + "Green" and energy-saving industries	x	Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)	x	Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification		Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	

Infrastructure – transport (ports, rail and road)	Manufacturing – clothing textiles, footwear and leather	
Basic services (local government access roads)	Forestry, paper, pulp and furniture	
Basic services (local government) – public transport	Business process servicing	
Infrastructure – water (bulk and reticulation)	Advanced materials	
Basic services (local government) – sanitation	Aerospace	
Basic services (local government) – waste management	Basic services (local government) – education	
Basic services (local government) water	Basic services (local government) – health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)	Basic services (local government) – housing	
Infrastructure – information and communication technology	Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism	Other	
Basic services (local government) – public open spaces and recreational facility		

Table 2

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.	NO
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:	

3. GENERAL INFORMATION

Applicant name:	Eskom Holdings SOC Ltd	
Registration number (if applicant is a company)	2002/015527/30 Development and Tourism	
Trading name (if any)	Eskom Holdings SOC Ltd	
Responsible person name (if the applicant is a company):	Deidre Herbst	
Applicant/ Responsible person ID number:	6603060573081	
Responsible position, e.g. Director, CEO, etc.:	Eskom Environmental Manager	
Physical address:	Megawatt Park, 1 Maxwell Drive, Sunninghill, Johannesburg	
Postal address:	P.O.Box 1091, Johannesburg	
Postal code:	2000	Cell: 083 660 1147
Telephone:	011 800 3501	Fax: 086 660 6092
E-mail:	HerbstDL@eskom.co.za	BBBEE status: State Owned Company

Provincial Authority:	Mpumalanga Department of Economic
Contact person:	Mr G Batchelor - Director Environmental Impacts Management Services

Postal address:	Private Bag X11215 Nelspruit		
Postal code:	1200	Cell:	082 771 7998
Telephone:	013 759 499	Fax:	013 766 4614
E-mail:	gbatchelor@mpg.gov.za		

Local municipality	Lekwa Local Municipality		
Contact person:	Mr J Sindane		
Postal address:	P.O. Box 66, Standerton		
Postal code:	2430	Cell:	
Telephone:	017 712 9600	Fax:	017 712 6808
E-mail:	admin@lekwalm.gov.za		

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 3**.

Landowner:	Eskom Holdings SOC Ltd		
Contact person:	Ryno Lacock (Power Station Manager)		
Postal address:	Private Bag X2016 Standerton Mpumalanga		
Postal code:	2430	Cell:	
Telephone:	017-749-5700	Fax:	017 749 5736
E-mail:	Ryno.lacock@eskom.co.za		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 4**. If the applicant is not the owner or person in control of the land, proof of notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 4**.

Identified Competent Authority to consider the application:	National Department of Environmental Affairs
Reason(s) in terms of S 24C of NEMA 1998 as amended	As advised by the Minister, all applications regarding renewable energy are to be submitted to National DEA. In addition, Eskom is a State Owned Company and therefore will apply to the National Department of Environmental Affairs.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Jo-Anne Thomas		
Professional affiliation/registration:	Professional Natural Scientist (Registration No 400024/00)		
Contact person (if different from EAP):	Jo-Anne Thomas		
Company:	Savannah Environmental		
Physical address:	First Floor, Block 2, 5 Woodlands Drive Office Park, Cnr of Woodlands Drive and Western Service Road, Woodmead		
Postal address:	P.O. Box 148, Sunninghill		
Postal code:	2157	Cell:	082 775 5628
Telephone:	011 656 3237	Fax:	086 684 0547
E-mail:	joanne@savannahsa.com		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 12 of GN R.982, dated December 2014, prior to the commencement of the process.

The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted to the Department.

5. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province	Mpumalanga
District Municipality	Gert Sibande District Municipality
Local Municipality	Lekwa Local Municipality
Ward number(s)	12
Nearest town(s)	Standerton
Farm name(s) and number(s)	Pretorius Vley 374
Portion number(s)	4,10,11 and 12

SG 21 Digit Code(s)

(If there are more than 4, please attach a list with the rest of the codes as **Appendix 5**)

T	0	I	S	0	0	0	0	0	0	0	0	0	3	7	4	0	0	0	0	4
T	0	I	S	0	0	0	0	0	0	0	0	0	3	7	4	0	0	0	1	0
T	0	I	S	0	0	0	0	0	0	0	0	0	3	7	4	0	0	0	1	1
T	0	I	S	0	0	0	0	0	0	0	0	0	3	7	4	0	0	0	1	2
1	2			3			4					5								

Are there any other applications for Environmental Authorisation on the same property?															NO				
If YES, please indicate the following:																			
Competent Authority																			
Reference Number																			
Project Name																			
Please provide details of the steps taken to ascertain this information:																			

6. ACTIVITIES TO BE AUTHORISED

For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Detailed description of listed activities associated with the project		
Listed activity as described in GN R.544, 545 and 546	Listed activity as described in GN R 983, 984 and 985	Description of project activity that triggers listed activity – if activities in GN R. 546 are triggered, indicate the triggering criteria as described in the second column of GN R. 543
GNR 544 item 10 (i) : The construction of facilities or	GN R 983 Activity 11: The development of facilities	<i>The facility will require the construction of an on-site substation and an</i>

<p>infrastructure for the transmission and distribution of electricity – (i) Outside urban areas with a capacity of more than 33 but less than 275 kilovolts</p>	<p>or infrastructure for the transmission and distribution of electricity- (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts</p>	<p><i>overhead distribution power line outside an urban area, with a capacity of less than 275kV.</i></p>
<p>GNR 544 item 11(x)(xi) The construction of (x) The construction of buildings exceeding 50 square metres in size or; (xi) infrastructure or structures covering 50 square metres or more, where such construction occurs within a watercourse or within 32 metres of a watercourse</p>	<p>GN R 983 Activity 12: The development of (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs- (a) within a watercourse, or (c) within 32m of a watercourse</p>	<p><i>The PV facility will include the development of infrastructure exceeding 50 square metres in size (workshop area, site office and underground cabling, panels) within 32 metres of a watercourse.</i></p>
<p>GNR 544 item 18(i) The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal, or moving of soil, sand, shells, shell grit, pebbles, or rock of more than 5 cubic metres from (i) a watercourse</p>	<p>GN R 983 Activity 19: The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from- (i) a watercourse</p>	<p><i>Construction of the PV facility requires the infilling or excavation and removal of soil of more than 5 cubic metres from a watercourse.</i></p>
<p>GNR 544 item 22 (ii) The construction of a road outside urban areas (ii) where no road reserve exists where the road is wider than 8 metres</p>	<p>GN R983 Activity 24: The development of- (ii) a road with a reserve wider than 13,5 metres, or where no reserve exists where the road is wider than 8 metres</p>	<p><i>The facility will require the construction of new internal access roads within the site which will be wider than 8m in width (up to 13m in width), to be constructed outside urban areas.</i></p>
<p>GN544 Item 47 (ii): The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre – (ii) where no reserve exists, where the existing road is wider than 8 metres</p>	<p>GN R 983 Activity 56: The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre- (ii) where the existing reserve is wider than 13,5 metres</p>	<p><i>The facility will require the widening/lengthening of existing access roads to the site by more than 6 metres where no reserve exists, and where the existing road is wider than 8 metres.</i></p>
<p>GN545 Item 1: The construction of facilities or infrastructure, for the generation of electricity where the output is 20 megawatts or more.</p>	<p>GN R 984 Activity 1: The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more</p>	<p><i>The PV facility will generate an electricity output of more than 20MW. The proposed facility will consists on of arrays of photovoltaic (PV) panels with an electricity output of up to 65.9MW.</i></p>

<p>retail, commercial, recreational, industrial or institutional use where the total area to be transformed is 20 hectares or more.</p>	<p>where such land was used for agriculture or afforestation on or after 01 April 1998 and where such development: (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare</p>	<p><i>approximately 99 hectares in extent.</i></p>
<p>GN546 Item 4 (a)(ii)(ee): The construction of a road wider than 4 metres with a reserve less than 13.5 metres a) In Mpumalanga ii. Outside Urban areas, in: (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans</p>	<p>GN R 985 Activity 4: The construction of a road wider than 4 m with a reserve less than 13,5m. (a) In Mpumalanga (ii) Outside Urban areas, (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans</p>	<p><i>Access roads wider than 4 metres with a reserve less than 13.5 metres will be constructed during the development of the proposed facility within CBA as identified by the Mpumalanga Biodiversity Conservation Plan.</i></p>
<p>GN546 Item 10 (a)(ii)(ee): The construction of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of 30 but not exceeding 80 cubic metres a) In Mpumalanga ii. Outside Urban areas, in: (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans</p>	<p>GN R 985 Activity 10: The construction of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of 30 but not exceeding 80 cubic metres (a) In Mpumalanga (ii) Outside Urban areas, in: (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans</p>	<p><i>The solar energy facility will require facilities for the temporary storage of fuels / oils during construction to be situated on site of a combined capacity of up to 80m³ within CBA as identified by the Mpumalanga Biodiversity Conservation Plan</i></p>
<p>GN546 Item 13(b)(ii)(ee): The clearance of vegetation of an area of 1 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation, except where such removal of vegetation is required for (2) (the undertaking of a linear activity falling below the thresholds in Notice R544 of 2010. b) In Mpumalanga ii. Outside Urban areas, in: (ee) Critical biodiversity</p>	<p>GN R 984 Activity 15: The clearance of an area of 20 hectares or more of indigenous vegetation GN R 985 Activity 12: The clearance of an area of 300 square metres or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation (c) In Mpumalanga (ii) Critical biodiversity areas as identified in systematic</p>	<p><i>The solar facility will result in the clearance of an area of 1 hectare or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation within CBA as identified by the Mpumalanga Biodiversity Conservation Plan. The area required for the development is 99 ha and is located outside an urban area.</i></p>

areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans	biodiversity plans	
GN546 Item 14(a)(i): The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation (a) In Mpumalanga: i. All areas outside urban areas	GN R 985 Activity 12: The clearance of an area of 300 square metres or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation (c) In Mpumalanga (ii) Critical biodiversity areas as identified in systematic biodiversity plans	<i>The solar energy facility will be located outside an urban area and will require the clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation cover. The area required for the development is 99 ha.</i>
GN 546, Item 16(iv)(b)(ii)(ee) The construction of (iv) infrastructure covering 10 square metres or more where such construction occurs within a watercourse or within 32 metres of a watercourse, b) In Mpumalanga ii. Outside Urban areas, in: (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans	GN R 983 Activity 12: The development of (xii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs- (a) within a watercourse, or (c) within 32m of a watercourse	<i>The PV facility will include the construction of buildings (workshop area and site office) and infrastructures (underground cabling, panels) within 32 metres of a watercourse within CBA as identified by the Mpumalanga Biodiversity Conservation Plan</i>
GN546 Item 19(a)(ii)(cc): The widening of a road by more than 4 metres or the lengthening of a road by more than 1 kilometres a) In Mpumalanga ii. Outside Urban areas, in: (cc). sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority	GN R 985 Activity 18: The widening of a road by more than 4 meters or the lengthening of a road by more than 1 kilometres (a) In Mpumalanga (ii) Outside Urban areas, in: (ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans	<i>Access roads will be widened by more than 4m within a CBA as identified by the Mpumalanga Biodiversity Conservation Plan during the development of the proposed facility.</i>

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 6**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 7**.

7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN R .982, dated December 2014.

The following public participation will be undertaken for the proposed project:

Public participation prior to releasing the Draft Scoping Report;

- Adverts were placed in appropriate regional and local newspapers as follows:
 - Standerton Advertiser (Afrikaans & isiZulu: 14 January 2015)
 - Ibis Newspaper (English: 12 January 2015)
- » A2 site notices to be placed on site (Tutuka Power station).
- » A4 notices to be placed at the public libraries (Standerton Public Library and at the Lekwa Local Municipality).
- » Identification of affected parties and compilation of a project database (to be updated throughout the process)
- » Notification letters were sent to interested and affected parties (I&APs), stakeholders and organs of state informing them of the proposed project. Attached to this letter was the Background Information Document (BID) which provided information regarding the proposed project.

Availability of the Draft Scoping Report:

- » Notification letters were sent to registered I&APs, stakeholders and organs of state to inform them of the availability of the Draft Scoping Report.
- » Adverts were placed in regional and local newspapers to notify the public about the Draft Scoping Report. Details as follows:
 - Standerton Advertiser (19 March 2015) and
 - Ibis Newspaper (17 March)
- » Focus Group meetings were held with various stakeholders and affected landowners
- » Public meeting was held in the study area on the 8 April 2015

Availability of the Final Scoping Report:

- » Notification letters were sent to registered I&APs, stakeholders and organs of state to inform them of the availability of the Final Scoping Report to be submitted to DEA and advise that comments are to be submitted to DEA with a copy to the EAP.

Public participation prior to releasing the Draft Scoping Report;

- » On-going consultation with stakeholders and I&APs
- » Consultation meetings to be held as required to obtain inputs to the process

Availability of the Draft Environmental Impact Assessment Report:

- » Notification letters were sent to registered I&APs, stakeholders and organs of state to inform them of the availability of the Draft EIA Report
- » Adverts were placed in regional and local newspapers to notify the public regarding the Draft EIA Report. Details as follows:
 - Standerton Advertiser (1 April 2016) and
 - Ibis Newspaper (8 April 2016)

- » A Public meeting was held on the 6 April 2016 in the area and focus group meetings held with stakeholders, I&APs as required.

Availability of the Final Environmental Impact Assessment Report:

- » Notification letters will be sent to registered I&APs, stakeholders and organs of state to inform them of the availability of the Final EIA Report to be submitted to DEA and advise that comments are to be submitted to DEA with a copy to the EAP.

DEA decision on Environmental Authorisation:

- » Notification letters to registered I&APs, stakeholders and organs of state
- » Advertising of the decision in regional and local newspapers utilised within the process

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act		NO	YES	NO
National Environmental Management: Biodiversity Act		NO	YES	NO
National Environmental Management: Integrated Coastal Management Act		NO	YES	NO
National Environmental Management: Protected Areas Act		NO	YES	NO
National Environmental Management: Waste Act		NO	YES	NO
National legislation				
Mineral Petroleum Development Resources Act		NO	YES	NO
National Water Act	YES	NO	YES	NO
National Heritage Resources Act	YES	NO	YES	NO
Others: Please specify	YES	NO	YES	NO

If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

9. LIST OF APPENDICES

		SUBMITTED	
		YES	N/A
Appendix 1	Proof of Payment		N/A
Appendix 1	Strategic Infrastructure Projects	YES	
Appendix 2	List of Local Municipalities (with contact details)		N/A
Appendix 3	List of land owners (with contact details) and proof of notification of land owners.		N/A
Appendix 4	List of SGIDs		N/A
Appendix 5	Project map	YES	
Appendix 6	Project schedule		N/A
Appendix 7	Declaration of Applicant	YES	
Appendix 9	Declaration of EAP	YES	

APPENDIX 1
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION
Motivation is attached

Ms M. Solomons
Director: Integrated Environmental Authorization
Department of Environmental Affairs
Private Bag X447
PRETORIA
0001

Date:
21 June 2016

Enquiries: Tobile Bokwe
Tel +27 11 800 2303
tobile.bokwe@eskom.co.za

Ref No: ENV16-L240

Dear Ms Solomons

MOTIVATION FOR FEE APPLICATION EXCLUSION MADE BY AN ORGAN OF STATE: TUTUKA POWER STATION SOLAR PHOTOVOLTAICS.

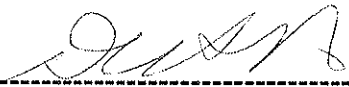
Eskom hereby confirms that it is a State Owned Company and the company is excluded from paying the application fees for the Environmental Authorization and Amendments in terms of regulation 3 of "National Environmental Management Act, 1998 (Act no. 107 of 1998) Fees for consideration and processing of applications for Environmental Authorisations and Amendments thereto" which were published on 28 February 2014 in the Government Gazette No.37383.

Eskom was established in South Africa in 1923 as the Electricity Supply Commission. In July 2002, it was converted into a public, limited liability company, wholly owned by government. The constitutional definition of 'organ of state' makes it clear that other institutions and functionaries are organs of state on the basis of what they are and others by virtue of the functions they are engaged in.

Eskom is one of the top 20 utilities in the world by generation capacity (net maximum self-generated capacity: 41 194MW). Eskom generates approximately 95% of the electricity used in South Africa and approximately 45% of the electricity used in Africa. Eskom directly provides electricity to about 45% of all end-users in South Africa. The other 55% is resold by redistributors (including municipalities).

Eskom applies for exclusion from payment of the fees applicable for Tutuka Power Station Solar Photovoltaic since it is a State Owned Company.

Yours Sincerely



Deidre Herbst
ESKOM ENVIRONMENTAL MANAGER

**APPENDIX 2
STRATEGIC INFRASTRUCTURE PROJECTS**

<p>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</p> <ul style="list-style-type: none"> • Unlock mineral resources • Rail, water pipelines, energy generation and transmission infrastructure • Thousands of direct jobs across the areas unlocked • Urban development in Waterberg - first major post-apartheid new urban centre will be a "green" development project • Rail capacity to Mpumalanga and Richards Bay • Shift from road to rail in Mpumalanga • Logistics corridor to connect Mpumalanga and Gauteng. 	
<p>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</p> <ul style="list-style-type: none"> • Strengthen the logistics and transport corridor between SA's main industrial hubs • Improve access to Durban's export and import facilities • Integrate Free State Industrial Strategy activities into the corridor • New port in Durban • Aerotropolis around OR Tambo International Airport. 	
<p>SIP 3: South-Eastern node & corridor development</p> <ul style="list-style-type: none"> • New dam at Mzimvubu with irrigation systems • N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains • Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape • A manganese sinter (Northern Cape) and smelter (Eastern Cape) • Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector. 	
<p>SIP 4: Unlocking the economic opportunities in North West Province</p> <ul style="list-style-type: none"> • Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure • Enabling reliable supply and basic service delivery • Facilitate development of mining, agricultural activities and tourism opportunities • Open up beneficiation opportunities in North West Province. 	
<p>SIP 5: Saldanha-Northern Cape development corridor</p> <ul style="list-style-type: none"> • Integrated rail and port expansion • Back-of-port industrial capacity (including an IDZ) • Strengthening maritime support capacity for oil and gas along African West Coast • Expansion of iron ore mining production and beneficiation. 	
<p>SIP 6: Integrated municipal infrastructure project</p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p>SIP 7: Integrated urban space and public transport programme</p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	

<p>SIP 8: Green energy in support of the South African economy Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p> <p>It must be noted that the project is a potential SIP8 project and would only become registered as a SIP project if selected as a preferred bidder project by the DoE (or through some other entity as may be legally able to do so at the time when the project is implemented)</p> <p>Indicate capacity in MW: 75</p>	x
<p>SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.</p> <p>It must be noted that the project is a potential SIP9 project and would only become registered as a SIP project if selected as a preferred bidder project by the DoE (or through some other entity as may be legally able to do so at the time when the project is implemented)</p> <p>Indicate capacity in MW:</p>	x
<p>SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.</p>	
<p>SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.</p>	
<p>SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.</p>	
<p>SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.</p>	
<p>SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational</p>	

<p>institutions. Two new universities will be built - in Northern Cape and Mpumalanga.</p>	
<p>SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infraco fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.</p>	
<p>SIP 16: SKA & Meerkat SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.</p>	
<p>SIP 17: Regional integration for African cooperation and development Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%. The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term. All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p>SIP 18: Water and sanitation infrastructure A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation. The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	

APPENDIX 3 (IF APPLICABLE)
LIST OF LOCAL MUNICIPALITIES

APPENDIX 4
LIST OF LAND OWNERS
PROOF OF NOTIFICATION OF LAND OWNERS













APPENDIX 5 (IF APPLICABLE)
LIST OF SGIDS

APPENDIX 6
PROJECT MAP

Tutuka Solar Energy Facility

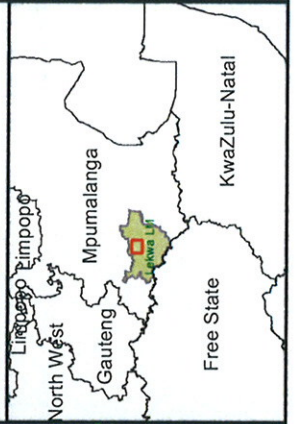
CBA map

Legend

-  Transmission substation
-  Distribution substation
-  Existing Powerline
-  Railway Line
-  Regional road
-  Secondary road
-  Other access roads
-  Perennial river
-  Non Perennial river
-  NFEPA wetlands/waterbody
-  Tutuka Power Station
-  Farm Portions

Terrestrial biodiversity assessment:

-  Highly Significant
-  Important & Necessary
-  Irreplaceable
-  Least Concern
-  No Natural Habitat Remaining
-  Protected Areas

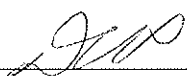


APPENDIX 7
PROJECT SCHEDULE

APPENDIX 8
DECLARATION OF THE APPLICANT

I, Deide Helbst declare that I -

- am, or represent¹, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner²;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of the Regulations and will take reasonable steps to verify that the EAP
 - know the Act and the regulations, and how they apply to the proposed development
 - know any applicable guidelines
 - perform the work objectively, even if the findings do not favour the applicant
 - disclose all information which is important to the application and the proposed development
 - have expertise in conducting environmental impact assessments
 - complies with the Regulations
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.



¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

² If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

[Handwritten Signature]

Signature³ of the applicant⁴/ Signature on behalf of the applicant:

Estim Holdings

Name of company (if applicable):

21.06.2016

Date:

Proposed 65.9MW Solar PV Facility at Tutuka Power Station, Mpumalanga Province

³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted.

⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

APPENDIX 9
DECLARATION OF THE EAP

I, Jo - ANNE THOMAS declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 48 of the Regulations and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;

Thomas

Signature of the environmental assessment practitioner:

SAVANNAH ENVIRONMENTAL

Name of company:

1/07/2016

Date: