



## Environmental Management Programme

**ADDITIONAL INFORMATION IN SUPPORT OF GENERIC EMP<sub>r</sub> FOR  
THE PROPOSED BOLOBEDU POWERLINE ON BOLOBEDU 1024 LT,  
GIYANI, LIMPOPO PROVINCE E**

**Short name: Bolobedu Powerline**

February 2020

Commissioned by: Bolobedu Solar Farm PV (Pty) Ltd  
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# Environmental Management Programme:



Prepared by





**PROPOSED BOLOBEDU POWERLINE ON REMAINDER OF THE FARM BOLOBEDU 1024 LT, LIMPOPO PROVINCE**

**Short name: Bolobedu Powerline**

August 2018

**PROJECT APPLICANT**

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## **1. BACKGROUND / GENERAL INFORMATION**

The application for environmental authorization for the Bolobedu Powerline stems from the application for environmental authorization for the Bolobedu PV Solar Park, which was granted on 25 January 2019 (Ref No.: 14/12/16/3/3/2/1054).

The Bolobedu Solar Park will have a capacity of 75mW, which needs to feed into the Eskom grid, hence the application for Environmental Authorization for a 132kV Transmission line.

### **1.1 PROJECT OBJECTIVE**

An Environmental Management Programme (EMPr) is an environmental management tool used to prevent or mitigate avoidable adverse impacts of the construction, operation and decommissioning of a specific project.

In order to comply with the Environmental Impact Assessment (EIA) Regulations released on 4 December 2014 in terms of Section 24(2) and 24D of the National Environmental Management Act (NEMA, Act No. 107 of 1998) (GNR R 983 of 4 December 2014), the EIA report must contain an Environmental Management Programme. However, the content of an EMPr must either contain the information set out in Appendix 4 of the EIA Regulations, 2014, as amended, or must be a generic EMPr relevant to an application as identified and gazetted by the Minister in a government notice. The Minister has identified, through a government notice, that a generic EMPr is relevant to an application for EA, and a generic EMPr must be applied by all parties involved in the EA process, including, but not limited to, the applicant and the competent authority (CA).

This EMPr constitutes a generic EMPr relevant to an application for the development of overhead electricity transmission infrastructure for a grid connection from the Bolobedu PV Solar Park to the Eskom Bolobedu substation.

### **1.2 OBJECTIVE OF THE EMPr**

This Environmental Management Programme is compiled with reference to the requirements of the EIA Regulations 2014.

The objective of this generic EMPr is to prescribe and pre-approve generally accepted impact management outcomes and impact management actions, which can commonly and repeatedly be used for the avoidance, management and mitigation of impacts and risks associated with the development of overhead electricity transmission infrastructure.

## **2 STRUCTURE OF GENERIC EMPR**

The Generic EMPr for the development of overhead electricity transmission infrastructure is divided into three parts including the following:

- A. General guidance and information which is not legally binding
- B.1 Pre-approved generic EMPr template
- B.2 Site specific information
- C. Site specific sensitivities / attributes

### **2.1 A. GENERAL GUIDANCE AND INFORMATION**

Definitions, acronyms, roles and responsibilities and documentation and reporting are described in the first part (Part A).

### **2.2 B1 – PRE-APPROVED GENERIC EMPR TEMPLATE**

Contains generally accepted impact management outcomes and impact management actions required for the avoidance, management and mitigation of impacts and risks associated with the development or expansion of overhead electricity transmission and distribution infrastructure, which are presented in the form of a template that has been pre-approved.

Section B1 must be completed by the contractor, with each completed page signed and dated by the holder of the EA **prior to commencement of the activity** and is legally binding. Although the template is not required to be submitted to the CA, interested and affected parties must be afforded access to the pre-approved EMPr template for consideration through the decision-making process.

The EAP on behalf of the applicant /proponent will make the hard copy of the EMPr available to I&APs. Thus, the Draft Basic Assessment Report submitted to the Competent Authority (DEA) will differ slightly from the Report submitted to I&APs as a consequence of the generic EMPr included in the Report to be distributed to I&APs. This section will be given to the on-site contractor and applicant to complete prior to commencement of the construction of the Bolobedu Powerline. This section will be signed and dated by the holder of the EA prior to commencement of the activity. The method statements prepared and agreed to by the holder of the EA will be appended to the template as Appendix 1. Each method statement will be signed and dated on each page by the holder of the EA. This template, once signed and dated, is legally binding. The holder of the EA will remain responsible for its implementation.



## **2.3 B2 – SITE SPECIFIC INFORMATION**

This section should contain preliminary infrastructure layout and a declaration that the holder of the EA will comply with the pre-approved generic EMPr and that he/she understands that the impact management outcomes and impact management actions are legally binding.

The preliminary infrastructure layout must be finalized to inform the final EMPr that is to be submitted with the basic assessment report (BAR) ensuring that all impact management outcomes and actions have been either pre-approved or approved in terms of Part C.

This section must be submitted to the CA together with the final BAR. Once approved, this Section forms part of the EMPr for the development and is legally binding. Please note that this is a draft report and will be finalized during the public participation process for the Draft / Consultation Basic Assessment Report. The final EMPr will be submitted with the Final Basic Assessment Report.

## **2.4 SUB-SECTION 1: CONTACT DETAILS AND DESCRIPTION OF THE PROJECT**

### **2.4.1 Details of the applicant:**

Name of applicant: BOLOBEDU SOLAR FARM PTY (LTD) (Ms J C Dean)

Tel No: 082 922 3224

Fax No: 086 511 2770

Postal Address: P O Box 42343, Heuwelsig, 9332

Physical Address: Unit 227; 441@Kirkness; Sunnyside, Pretoria

### **2.4.2 Details and expertise of the EAP:**

Name of EAP: **Me EA Grobler**

Tel No: **015-291 1577**

Fax No: **015-291 1577**

E-mail address: **egrobler@ages-group.com**

Expertise of the EAP (Curriculum Vitae included):

### **2.4.3 Project name:**

Bolobedu Powerline

### **2.4.4 Description of the project:**

Construction of a 132kV transmission power line to connect the Bolobedu solar farm to the Eskom Bolobedu substation.

### 2.4.5 Project location:

NO	FARM NAME (if applicable)	FARM NUMBER (if applicable)	PORTION NAME	PORTION NUMBER	LATITUDE	LONGITUDE
1	Bolobedu	1024 LT		0	23°29'27.53"S	30°22'44.80"E

### 2.4.6 Preliminary technical specification of the overhead transmission and distribution:

- Length: Approximately 250m
- Tower parameters
  - Number and types of towers: Unknown. Will be specified in Final Basic Assessment Report.
  - Tower spacing (mean and maximum): Unknown. Will be specified in Final Basic Assessment Report.
  - Tower height (lowest, mean and height): Unknown. Will be specified in Final Basic Assessment Report.
  - Conductor attachment height (mean): Unknown. Will be specified in Final Basic Assessment Report.
- Minimum ground clearance: Unknown. Will be specified in Final Basic Assessment Report.

## 3 C – SITE SPECIFIC SENSITIVITIES / ATTRIBUTES

For the proposed Bolobedu Powerline, this section will not be required as the site contain no specific environmental sensitivities and/or attributes.

There are no additional impact management outcomes and impact management actions that are necessary for the avoidance, management and mitigation of impacts and risks associated with the specific development which are not already included in Part B: section 1.

## 4 ACCESS TO THE GENERIC EMPR

Once completed and signed, to allow the public access to the generic EMPr, the holder of the EA must make the EMPr available to the public in accordance with the requirements of regulation 26(h) of the EIA Regulations.