

23 February 2021

PV Solution Services (Pty) Ltd
P O Box 102
Montana Park
Pretoria
0159

**ENVIRONMENTAL PERMITTING REQUIREMENTS:
PROPOSED ZWARTBOOISBERG BOERDERY TRUST PV FACILITY, NORTHERN CAPE
PROVINCE**

Dear Sir/ Madam

Savannah Environmental (Pty) Ltd (independent Environmental Assessment Practitioners (EAPs)) was requested by PV Solution Services (Pty) Ltd to determine whether environmental authorisation in terms of the EIA Regulations of December 2014, as amended, or approval in terms of the National Heritage Resources Act (NHRA) is required for the proposed Zwartbooisberg Boerdery Trust small-scale solar energy facility (PV) on a site near Kakamas within the Northern Cape Province (refer to attached locality map).

The proposed project comprises a 990 kWp and is constructed on a piece of land that was previously used for grape farming.

1. Requirements in terms of the EIA Regulations

Following consideration of the proposed project, including the planned location, it is concluded that no listed activities under the 2014 EIA Regulations, as amended, are triggered by the proposed project. The following is relevant in this regard:

- » The total extent of the facility covers an area less than 1 hectare. Environmental Authorisation is only required for electricity generation projects with a generation capacity less than 10MW if the extent of the development footprint is in excess of 1 hectare.
- » The development area is not located within 32m of a watercourse or within a sensitive environment (i.e. a critically endangered or endangered ecosystem, on land zoned as open space, conservation or equivalent zoning) which could trigger other listed activities.
- » Although the site is located within a critical biodiversity area, no indigenous vegetation would be required to be cleared as the site is located within a previously cultivated area.

Considering the above, it is concluded that the project does not require environmental authorisation.

2. Requirements in terms of the NHRA

In terms of Section 38 of the NHRA, a Heritage Impact Assessment (HIA) must be undertaken for any development exceeding 5000m² in extent. The footprint of the facility will be less than 1Ha. The applicant would need to follow the process established in Section 38 of submitting a notification to the heritage authority at the earliest stages of development as the proposed PVs constitute a change of character to a site exceeding 5000m². It is recommended that this notification be accompanied by a Desktop Heritage Screening Assessment that recommends that no further heritage studies are required due to previous disturbance of the properties and low palaeontological sensitivity.

Please contact me with any queries in this regard.

Kind regards









Jo-Anne Thomas
(Not signed. Sent via e-mail)

LOCALITY MAP




Swartbooisberg Trust Solar PV Plant Northern Cape

Locality Map

Legend

-  Swartbooisberg Trust PV Plant
-  Non-perennial river
-  Perennial river
-  Existing Power Line
-  National Route
-  Main Road
-  Affected Property (Erven)
-  NFEPA Wetland

CBA Category

-  Critical Biodiversity Area One
-  Critical Biodiversity Area Two
-  Ecological Support Area

Scale: 1: 24 000
 Projection: LO23
 Ref: Swartbooisberg Trust PV Locality

