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Ms L Madali ACWA POWER [Per e-mail: LRathanya@acwapower.com

To whom it may concern:

SPECIALIST INPUT FOR THE AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION (EA): AS PART OF THE FARM BOKPOORT 390 NEAR GROBLERSHOOP, !KHEIS LOCAL MUNICIPALITY, NORTHERN CAPE PROVINCE

ACWA Power Energy Africa (Pty) Ltd (hereafter referred to as ACWA Power) is proposing to develop of seven individual 9.9MW Internal Combustion Engines (ICE) on the authorised 200MW Pedi, Venda, Zulu, Afrikaans, Ndebele, Swati and Sotho PV Plants on the Remaining Extent (RE) of the Farm Bokpoort 390, located 20km north-west of the town of Groblershoop within the !Kheis Local Municipality in the ZF Mgcawu District Municipality, Northern Cape Province.

The Integrated Resource Plan (2019) has not made provision for Concentrated Solar Power which is able to generate electricity during peak and off-peak hours. ACWA Power will be participating in the Department of Mineral Resource and Energy (DMRE) Renewable Projects and/ or Captive Power Projects through their authorised PV projects. Like any other solar technology, PV can only generate electricity when the weather is favourable. The country is in dire need of electricity and especially during peak hours. In order to address this need, ACWA Power is proposing additional infrastructure within their plants to create the flexibility and efficiency of the plants to allow for electricity generation during unfavourable weather conditions and this can be achieved by having additional ICE.

In the recently issued RFP by DMRE, projects are not allowed to tap into the grid for auxiliary power (which in this case would have entailed charging of the Battery Energy Storage System (BESS) and also requires that the plant undergoes a reliability test which is at a certain generation capacity and for a specified period) in taking this into consideration and any possible requirement under any programme, ACWA Power has decided to make this application to create flexibility when need arises. As such the Applicant is proposing the development of an ICE at the following authorised PV plants:

- Pedi PV Plant (Ref 14/12/16/3/3/1/2150);
- Venda PV Plant (Ref 14/12/16/3/3/1/2142);
- Zulu PV Plant (Ref 14/12/16/3/3/1/2151);
- Afrikaans PV Plant (Ref 14/12/16/3/3/1/2147);
- Ndebele PV Plant (Ref 14/12/16/3/3/1/2149);
- Swati PV Plant (Ref 14/12/16/3/3/1/2146); and
- Sotho PV Plant (Ref 14/12/16/3/3/1/2145).

Individual applications for Environmental Authorisation will be lodged per ICE (7 applications in total), however, this Basic Assessment (BA) study is applicable to the entire development for the 7 individual ICE. This will take place inside the areas that were approved as part of the authorised development footprint – see the figure below.

We hereby confirm that the proposed amendments will not result in any additional impacts and will not increase the level or nature of the impact, which was initially assessed and considered when

application was made for an EA. The significance ratings will remain unchanged and the proposed mitigation and management measures proposed as part of the EIA process will still suffice.

We trust you find the above in order. If there are any uncertainties or additional information required, please feel free to contact the undersigned.

Yours sincerely

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J A van Schalkwyk (D Litt et Phil)

• Heritage Consultant: ASAPA Registration No.: 164 - Principal Investigator: Iron Age, Colonial Period, Industrial Heritage.





Location of the proposed new developments within the authorised area

• Generator cycles = ICE development