

J A van Schalkwyk  
Heritage Consultant  
62 Coetzer Avenue,  
Monument Park  
Pretoria  
0181

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**DELTA SOLAR POWER PLANT (RF) (PTY) LTD.**

[Per e-mail: [berlijn@subsolar.co.za](mailto:berlijn@subsolar.co.za) &  
[venter@subsolar.co.za](mailto:venter@subsolar.co.za)]

To whom it may concern:

SPECIALIST INPUT FOR THE PART 2 AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION (EA): AS PART OF THE DELTA PHOTOVOLTAIC (PV) SOLAR POWER PROJECT NEAR BLOEMHOF IN THE NORTH WEST PROVINCE

1. The 2014 Visual Assessment conducted as part of the Environmental Impact Assessment (EIA) for the Delta Solar Power Plant (SPP) (DEA Ref: 14/12/16/3/3/2/669) on the Remaining Extent of the farm Kareefontein 340, Registration Division HO, North West Province, refers.
2. The 2014 study and 2020 specialist conformation letter as part of the Environmental Authorisation Amendment process (DFFE Ref: 14/12/16/3/3/2/669AM4) has been reviewed as part of this specialist input.
3. The Solar plant is said to commence with construction during February 2023. However, to optimize the proposed project, the following amendments are applied for in terms of the EIA Regulations, 2014 (as amended in 2017):

- Remove battery storage area from layout

A Battery Storage Facility with multiple battery containers of 6m height and 200m<sup>3</sup> volume per container and inverters and MV/LV transformers between the containers which has been authorized under the previous amendment, will now be removed from the layout.

Decrease capacity of the plant from 115MWdc to 100MWdc and 75ac

Due to new and advanced technology of panels (470W and Bi-facial) the same amount, or less panels may be required to generate more megawatts on the same area. The Delta SPP will however not utilize the authorized 115MW and will therefore reduce the generation capacity to 100MWdc and 75MWac.

- Increase in panel height

The solar PV panel height will increase from 3.5m to 4.5m.

- Amending the location of inverters, buildings and internal roads within the development footprint (revised layout)

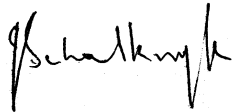
Due to the capacity (MW) reduction, expansion of battery storage and the spacing between panels, a new layout had to be designed which changed the citing of the

infrastructure as well as the sizes of the demarcated areas for the associated infrastructure (the substation, connection line corridor, laydown area, office, staff room and security room).

- O&M footprint (Within footprint of ~1 ha)
- Laydown area and construction site camp (Within footprint of ~3.3 ha)
- Remove BESS and Substation from layout

4. 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 and subsequent amendments. The significance ratings will remain unchanged, and the proposed mitigation and management measures proposed as part of the EIA process will still suffice.
5. 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



J A van Schalkwyk (D Litt et Phil)

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

