

CIVIL AVIATION COMPLIANCE STATEMENT

PROPOSED CAROLUS EGI ON PORTION 1 OF THE FARM RIET FOUNTAIN NO. 6, REMAINING EXTENT OF THE FARM WAG TEN BITTJE NO. 5, PORTION 3 OF THE FARM CAROLUS POORT NO. 3, REMAINING EXTENT OF THE FARM CAROLUS POORT NO. 3 AND FARM WAG 'N BIETJIE ANNEX C 137, AND PORTION 0 OF THE FARM VETLAAGTE NO.4, EMTHANJENI LOCAL MUNICIPALITY, NORTHERN CAPE PROVINCE (DFFE REFERENCE: 14/12/16/3/3/1/2649)

This Compliance Statement is applicable to the Carolus EGI, which is proposed on Portion 1 of the Farm Riet Fountain No. 6, remaining extent of the Farm Wagt en Bittje No. 5, Portion 3 of the Farm Carolus Poort No. 3, Portion 0 of the Farm Carolus Poort No. 3, Farm Wag 'n Bietjie Annex C 137 and Portion 0 of the Farm Vetlaagte No.4, Emthanjeni Local Municipality, Northern Cape Province. This compliance statement has been prepared by the registered Environmental Assessment Practitioner (EAP) for the project.

The sensitivity rating for the site is as follows:

Table 1: Identified sensitivity in terms of the national web-based screening tool for the development

Identified Specialist Assessment	Identified Sensitivity		Comment
	By DFFE Screening Report	By EAP	
Civil Aviation Assessment	High Sensitivity	Low Sensitivity	The site is within 8 km of a civil aviation aerodrome.

A high sensitivity rating has been indicated by the DFFE screening tool due to the proximity to a civil aviation aerodrome. This indicates a low potential for negative impacts on the civil aviation installation, and a high potential for mitigation of impacts. The De Aar Airfield is located approximately 9.8km south-west of where the proposed EGI will be located. The proposed development, however, would not negatively affect any civil aviation activity at the landing strip given that:

- » The PV panels are <5m in height, as measured from ground level.
- » The result in the visual assessment undertaken for the PV facility indicates that the glint and glare is considered to be of low significance, due to the long distance in between the proposed PV facility and the airfield. No mitigation of this impact is required since the PV facility is not expected to interfere with aircraft operations at the airfield.
- » The result of the visual assessment undertaken for the EGI indicates that within the study area there are numerous existing power lines that all congregate at the Hydra Substation. The addition of the proposed powerline will contribute to the overall occurrence of industrial type infrastructure within the region. However, the low incidence of visual receptors within this environment and the relatively remote location of the proposed powerline reduces the probability of this impact occurring.
- » The facility does not comprise any telecommunications structures that may have potential to interfere with navigation/communication

The proposed development will not have an unacceptable impact on the airfield. Further assessment of the potential impacts is not required.

During the public participation for the EA Application, the South African Civil Aviation Authority (SACAA) was consulted and invited to attend key stakeholder workshops. No formal response has been provided by SACAA regarding the proposed project.

Drafted by EAP

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