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ACWA Power SolarReserve Redstone Solar Thermal Power Plant (Pty) Ltd

2014/287655/07

C/O Prabashen Govender
Office XX07001
90 Grayston Drive
Sandton
2196

Enquiries: Lizell Stroh
strohl@caa.co.za

CAA_2011_06_163
CAA_2018_3_145

19 March 2018

Conditional Approved: ACWA Power SolarReserve Redstone Solar Thermal Power Plant.

This letter supersedes the original approval dated 07 August 2013 and 02 June 2015 and contains a request for compliance with the provision of as built information.

Site Name: Remaining Portion of the Farm no. 469, Hay Administrative Division in the Northern Cape

Latitude: 28 18 7.96 S
Longitude: 23 22 2.64 E
250m thermal tower

After evaluating the site position and reviewing the information received in June 2011, 05 July 2013 and 09 April 2015 and 16 February 2018 the SACAA has **no objection** to the proposed Solar Energy facility development, with a proposed maximum height of 250m for the thermal tower.

The proposed overhead electric power/transmission line is restricted to a maximum of 25m above ground level.

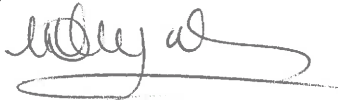
The structure is regarded to be adequately visible by day and require no further day marking. Night markings require medium intensity type "B" (20 000 candela- flashing) at the top of the structure. It is appreciated that intermediate lighting is not feasible, and this requirement can be met by external floodlights, illuminating the tower to be clearly visible in the distance of 5km on a clear night. These floodlights maybe of any colour providing the conditions are met.

The above statement is conditional to the developer, providing the SACAA with the "as built" parameters of the facility, which includes the height of the pylon structures conveying power generated by the facility.

This conditional approval is valid for 5 years from the date of this letter.

Note that this letter of non-objection does not constitute a replacement or substitution for other approvals which may be required for this proposed project.

Yours truly



SOUTH AFRICAN



**CIVIL AVIATION
AUTHORITY**

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OBSTACLE APPROVAL

CAA Obstacle ID

CAA_2018_3_145

APPLICANT

Applicant Name ACWA Power SolarReserve Redstone Sol
Contact Person Alistair Jessop
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Email Alistair.Jessop@SolarReserve.com
VAT Nr
Address C/O Prabashen Govender, Office
City Sandton, Johannesburg
Province Gauteng
Postal Code 2196

OWNER

Owner Name ACWA Power SolarReserve Redstone Sol
Contact Person Alistair Jessop
Cell Nr 071 181 5598
Tel Nr
Email Alistair.Jessop@SolarReserve.com
Application Date 2011/06/09 Received Date 2018/03/19
Application Type New Shared Replacement
Attachments: GIS/Google File Survey Report
 Plan/Eng Drawing Other

DETAILS OF PROPOSED STRUCTURE

Type of Structure CSP Power Plant Construction Start Date
Site Name Humansrus Construction End Date
Site ID Farm 469 Hay Rd
LAT (Degrees) 28 LAT (Minutes) 18 LAT (Seconds) 7.96 Jib/Guywire (m)
LONG (Degrees) 23 LONG (Minutes) 22 LONG (Seconds) 2.61 Datum
Site Elevation (m) 1522.5 Notes: Coord Data Source
Substructure Height (m) 0 Other (specify)
Superstructure Height (m) 250 Elevation Data Source
Structure Elevation (m) 1772.5 Other (Specify)

APPROVAL STATUS: CONDITIONALLY APPROVED

- Note: 1. Conditional Approval only valid for 5 years from date of signature.
2. Final approval subject to applicant/owner providing 'As-Built' data.

Approval Conditions:

- No Markings
 Day Markings
 Night Markings
 Day/Night Markings
 UPS
 Other/Special

Other/Special Conditions:

This approval supercedes (replace) CAA_2011_06_163

