



SolarReserve Kotulo Tsatsi Photovoltaic Power Plant 2

Optimised Layout
(Constraints based on Sensitivity)

Legend

- Existing 400kV Power Line
 - Main road
 - Existing 400kV OHL Servitude/Setback line (55m)
 - New OHL 1km Corridor for 132kV line to Aries Substation
 - Eskom Substation/Switching Station
 - CSP Infrastructure
- Layout Plan:**
- Facility Fence
 - Overhead Power Line Alternative 1
 - Overhead Power Line Alternative 2
 - Internal Access Roads
 - Substation/Eskom Switching Station and Battery Storage Alternative 1
 - Substation/Eskom Switching Station and Battery Storage Alternative 2
 - Solar Field including PV Panels
 - Security Administration Area
 - Man Camp
 - Laydown/Assembly Area
 - PV 2 Project Development Area

Environmental Features:

- Martial Eagle Buffer (3km Exclusion Zone)
- Depression (High Aquatic Sensitivity)
- Channelled Valley-Bottom Wetland (High Aquatic Sensitivity)
- Minor Channelled Valley-Bottom Wetland (Medium Aquatic Sensitivity)
- Drainage Line (High Ecological Sensitivity)
- Pan (Medium Ecological Sensitivity)
- Wash (Medium Ecological Sensitivity)
- Gravel Plains (Low Ecological Sensitivity)

Scale A3 1:25 500
 Projection: LO21 WGS 1984
 Map ref #: SolarReserve Kotulo Tsatsi Energy PV 2 - Optimised Layout & Sens Map_21.11.16

