










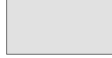





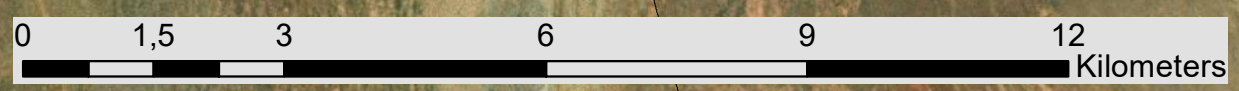
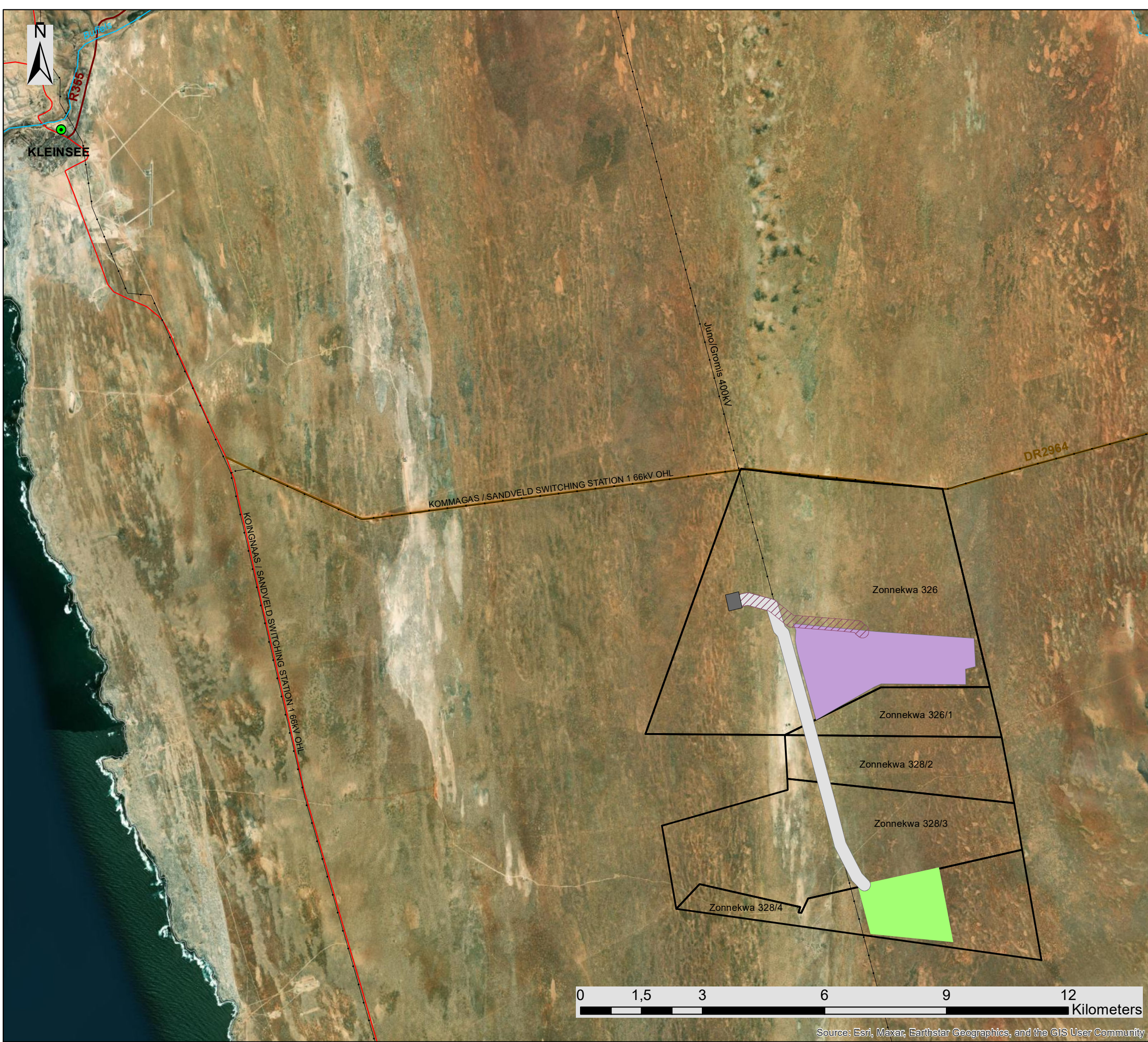
# Kleinzee Solar PV and Daisy Solar PV Facilities and Associated Grid Connection, Northern Cape Province

## Locality Map

### Legend

-  Town
-  Eskom Substation
-  Existing Power Line
-  Regional Road
-  Main Road
-  Secondary Road
-  Non-Perennial River
-  Perennial River
-  Farm Portions
-  Authorised Zonnequa Collector Substation
- Project Development Area**
-  Kleinzee Solar PV
-  Kleinzee Grid Connection Corridor (300m)
-  Daisy Solar PV
-  Daisy Grid Connection Corridor (300m)
-  Project Site

Scale: 1:150 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Locality Map












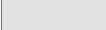



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

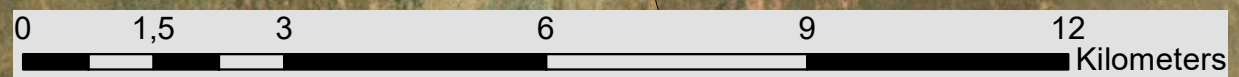
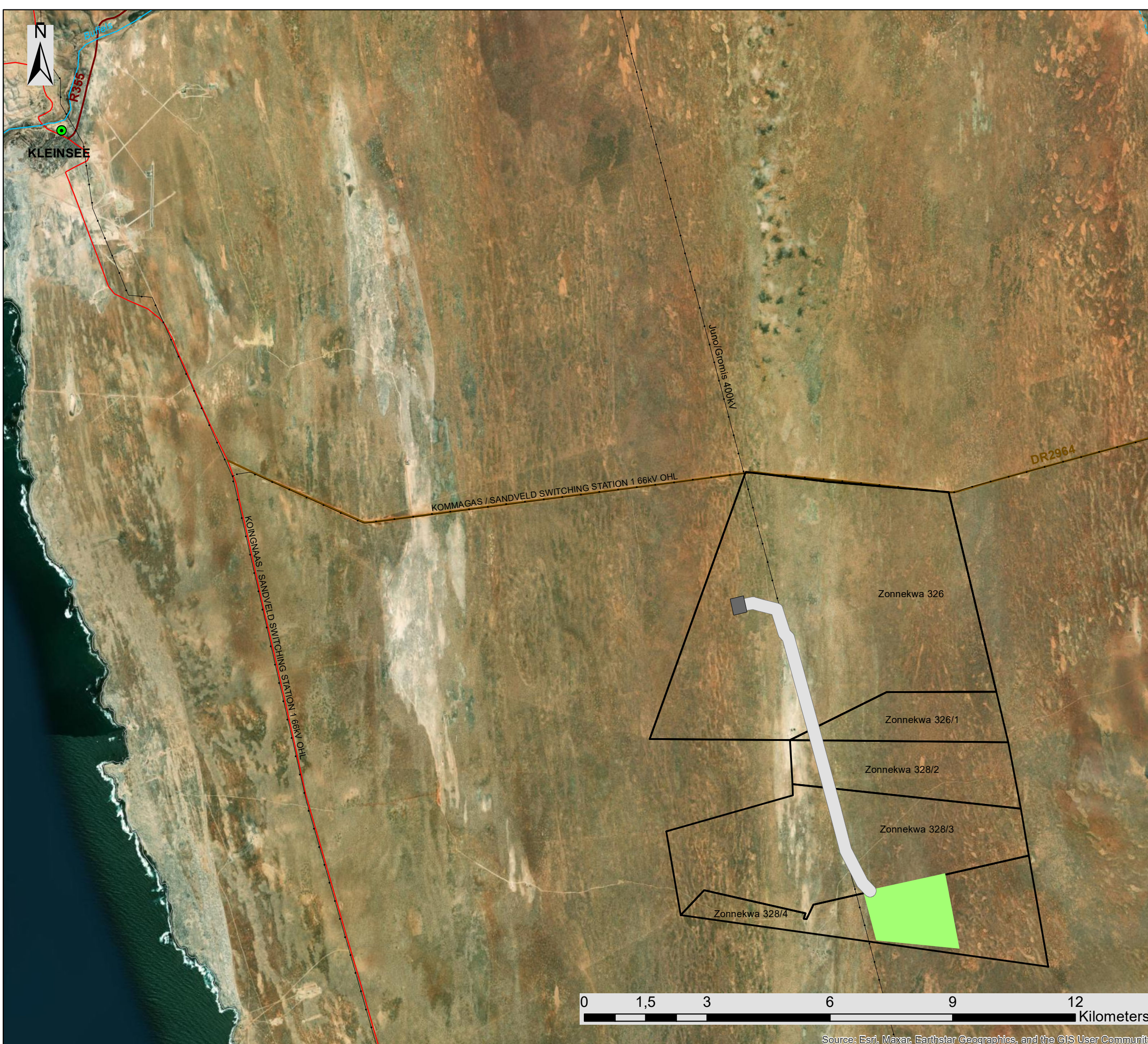
# Kleinzee Solar PV Facility and Associated Grid Connection, Northern Cape Province

Locality Map

## Legend

-  Town
-  Eskom Substation
-  Existing Power Line
-  Regional Road
-  Main Road
-  Secondary Road
-  Non-Perennial River
-  Perennial River
-  Farm Portions
-  Authorised Zonnequa Collector Substation
- Project Development Area**
-  Kleinzee Solar PV
-  Kleinzee Grid Connection Corridor (300m)
-  Project Site

Scale: 1:150 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Locality Map



















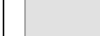
KOMMAGAS / SANDVELD SWITCHING STATION 1 66kV OHL

DR2964

# Kleinzee Solar PV Facility and Associated Grid Connection, Northern Cape Province

Layout Map

## Legend

-  Existing Power Line
-  Secondary Road
-  Authorised Zonnequa Collector Substation
-  Farm Portions
- Facility Layout**
-  Kleinzee Solar PV Development Area
-  PV Arrays
-  Internal Roads
-  Associated infrastructure and laydown hub
-  BESS
-  Kleinzee Onsite Facility Substation
-  O&M
-  Existing Main Access Road (8m)
-  Planned Access Road (8m)
-  Planned 132 kV Grid Connection
-  Grid Connection Corridor (300m)

Zonnequa Collector Substation

Zonnekwa 326

Zonnekwa 326/1

Zonnekwa 328/2

Zonnekwa 328/3

Zonnekwa 328/4

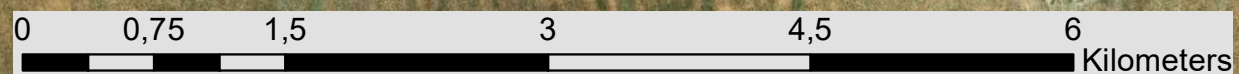
Juno-Gromis 400kV

savannah  
environmental

Scale: 1:150 000

Projection: GCS\_WGS\_1984

Map Ref: Kleinzee PV Facility Layout Map



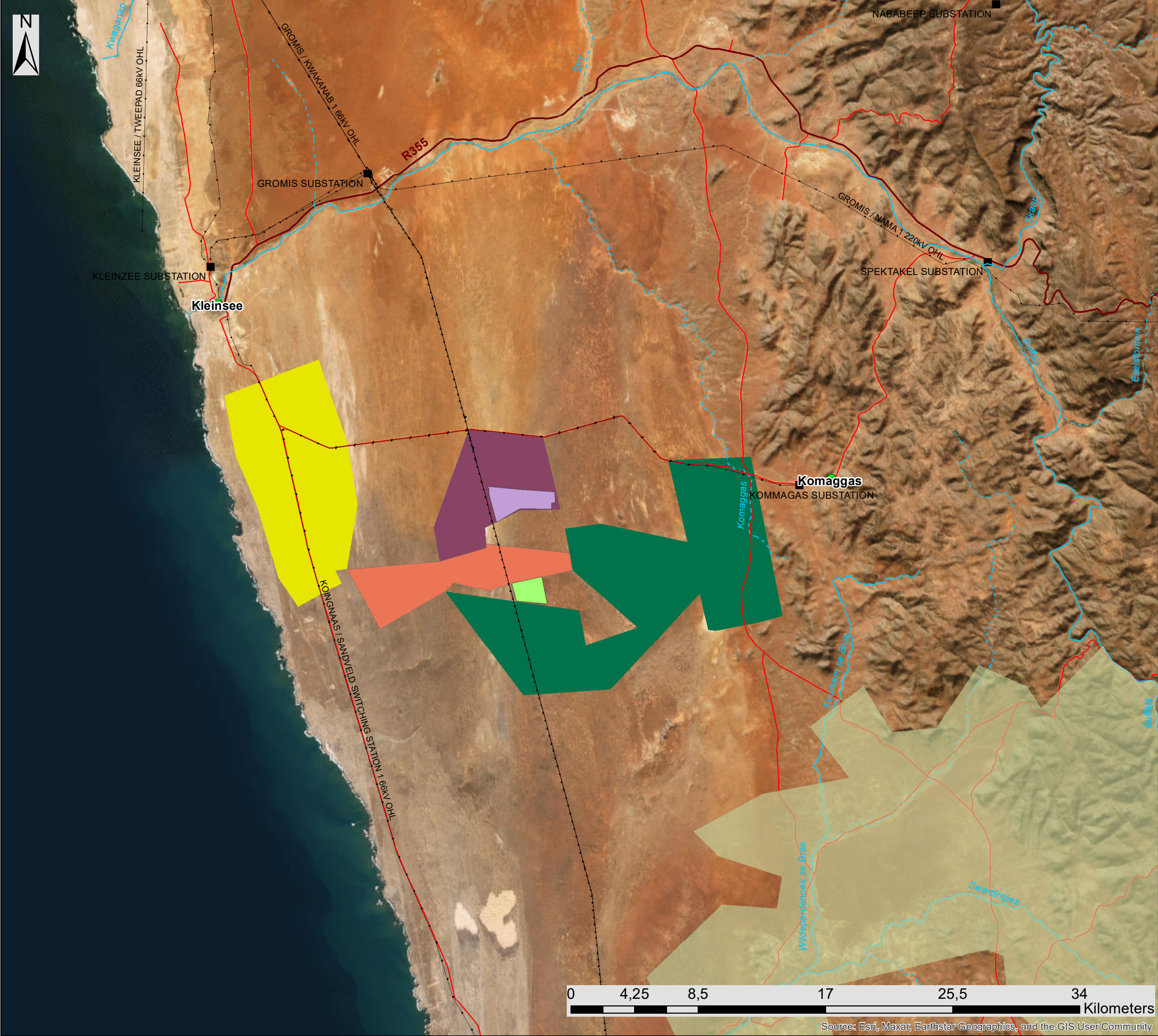


# Daisy Solar PV and Kleinzee Solar PV Facilities And Associated Grid Connection Northern Cape Province

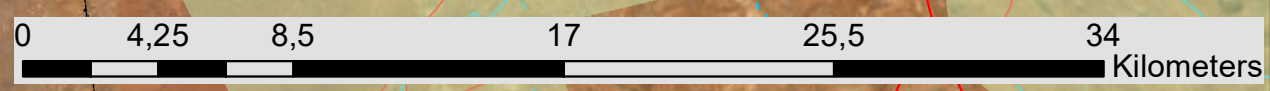
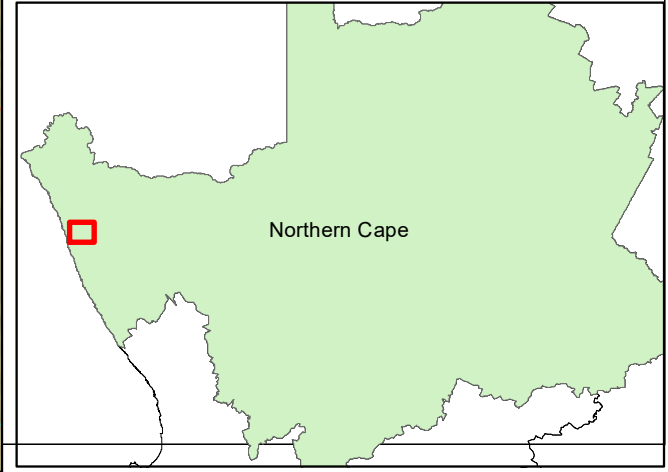
Cumulative Map

## Legend

- Town
  - Eskom Substation
  - Gromis/Juno 400kV Power Line
  - Existing Power Line
  - Regional Road
  - Main Road
  - Non-Perennial River
  - Perennial River
  - Namaqua National Park
  - Kleinzee Solar PV project site
  - Daisy Solar PV project site
- Renewable Energy Facilities**
- Namas Wind Farm
  - Zonnequa Wind Farm
  - Kap Vley Wind Farm
  - Eskom Kleinzee Wind Farm



Scale: 1:150 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Cumulative Map
















Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



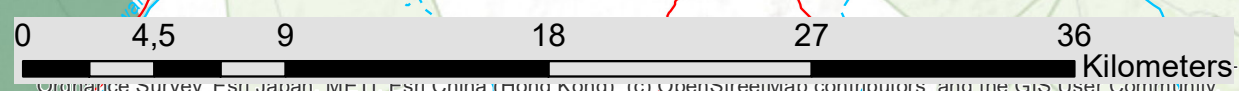
# Kleinzee Solar PV Facilities and Associated Grid Connection, Northern Cape Province

REDZ Map

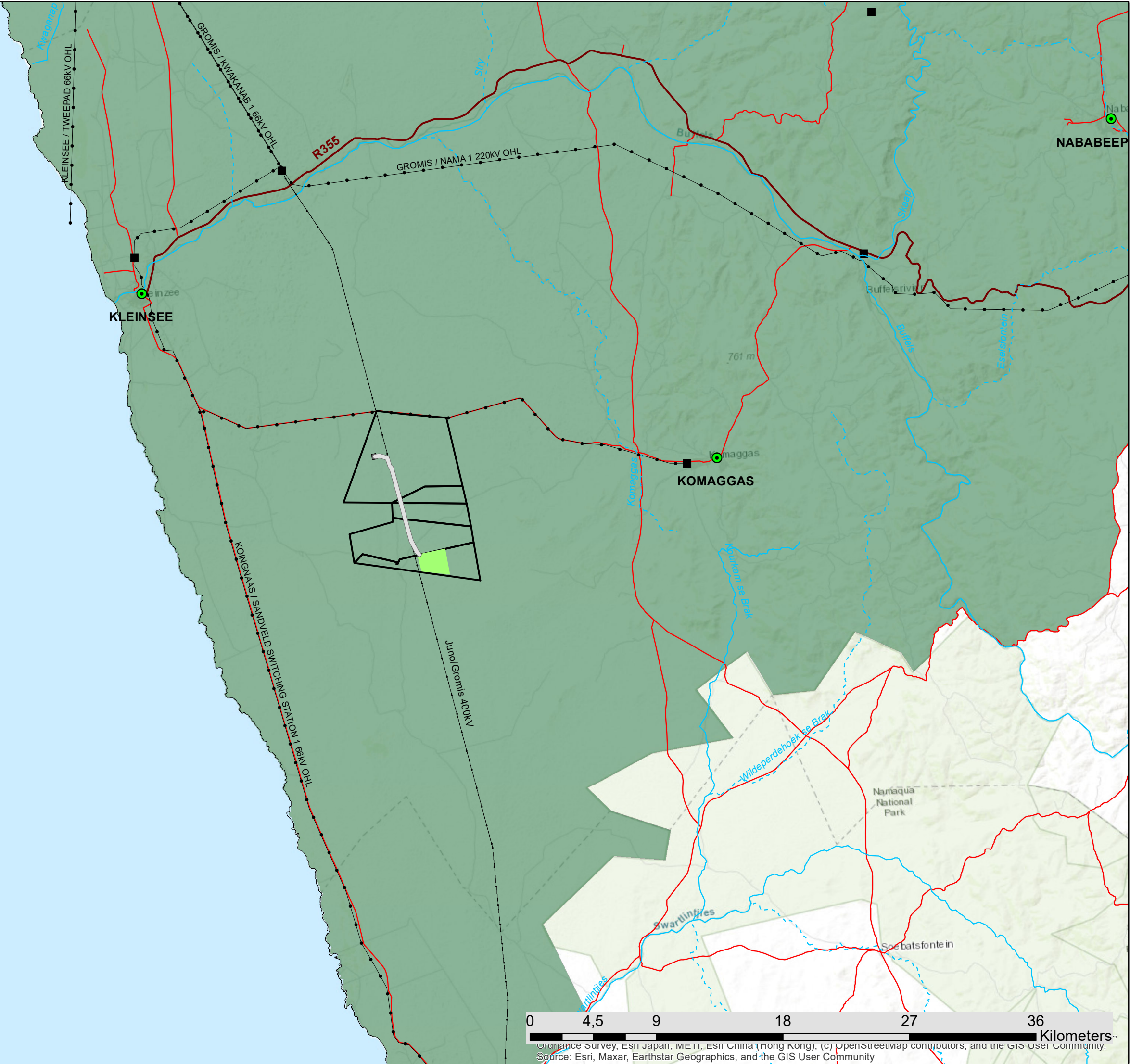
## Legend

-  Town
-  Eskom Substation
-  Juno/Gromis 400kV
-  Existing Power Line
-  Regional Road
-  Main Road
-  Non-Perennial River
-  Perennial River
-  Farm Portions
-  Authorised Zonnequa Collector Substation
- Project Development Area**
-  Kleinzee Solar PV
-  Kleinzee Grid connection corridor (300m)
- REDz**
-  Springbok - REDZ8

Scale: 1:150 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: REDZ Map



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











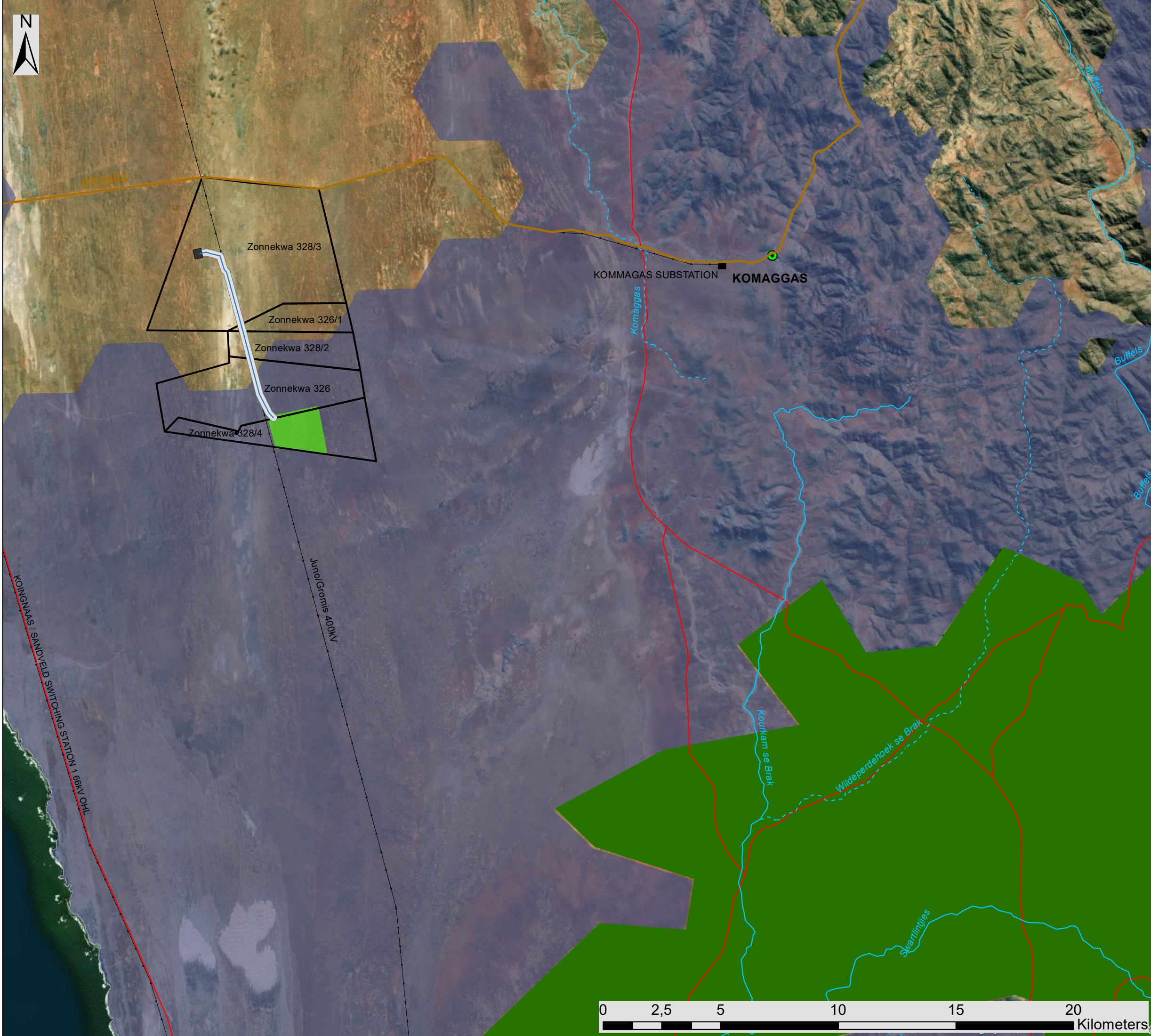


# Kleinzee Solar PV Facility and Associated Grid Connection, Northern Cape Province

National Protected Area Expansion Strategy Map

## Legend

-  Existing Power Line
-  Main Road
-  Secondary Road
-  Authorised Zonnequa Collector Substation
-  Namaqua National Park
-  Farm Portions
- Project Development Area**
-  Kleinzee Solar PV
-  Planned 132 kV Grid Connection
-  Kleinzee Grid Connection Corridor (300m)
- National Protected Area Expansion Strategy**
-  Priority Focus Areas



Scale: 1:150 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Sensitivity Map





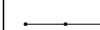



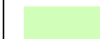

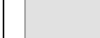



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# Kleinzee Solar PV Facility and Associated Grid Connection, Northern Cape Province

## Sensitivity Map

### Legend

-  Existing Power Line
-  Secondary Road
-  Authorised Zonnequa Collector Substation
-  Farm Portions
- Facility Layout**
-  Kleinzee Solar PV Development Area
-  Planned 132 kV Grid Connection
-  Grid Connection Corridor (300m)
- Environmental Sensitivities**
-  Dunes (High Ecological Sensitivity)
-  Calcrete (High Sensitivity)
-  Plains (Low Sensitivity)

Zonnequa Collector Substation

Zonnekwa 326

Zonnekwa 326/1

Zonnekwa 328/2

Zonnekwa 328/3

Zonnekwa 328/4

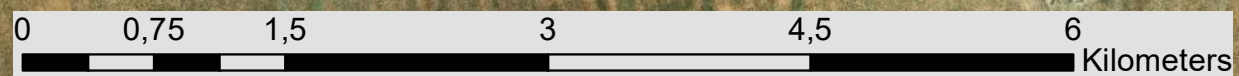
Juno-Gromis 400kV

savannah  
environmental

Scale: 1:150 000

Projection: GCS\_WGS\_1984

Map Ref: Kleinzee PV Facility Sensitivity Map














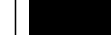








KOMMAGAS / SANDVELD SWITCHING STATION 1 66kV OHL

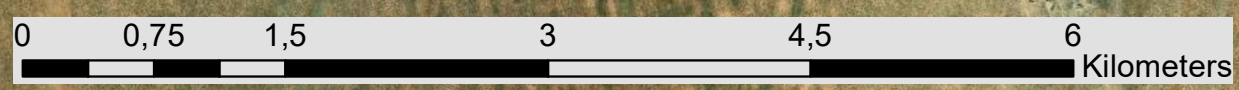
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# Kleinzee Solar PV Facility and Associated Grid Connection, Northern Cape Province

## Layout and Sensitivity Map

### Legend

-  Existing Power Line
-  Secondary Road
-  Authorised Zonnequa Collector Substation
-  Farm Portions
- Facility Layout**
-  Kleinzee Solar PV Development Area
-  PV Arrays
-  Internal Roads
-  Associated infrastructure and laydown hub
-  BESS
-  Kleinzee Onsite Facility Substation
-  O&M
-  Existing Main Access Road (8m)
-  Planned Access Road (8m)
-  Planned 132 kV Grid Connection
-  Grid Connection Corridor (300m)
- Environmental Sensitivities**
-  Dunes (High Ecological Sensitivity)
-  Calcrete (High Sensitivity)
-  Plains (Low Sensitivity)



Scale: 1:150 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Kleinzee PV Facility Layout and Sensitivity Map







KOMMAGAS / SANDVELD SWITCHING STATION 1 66kV OHL

0 0,75 1,5 3 4,5 6 Kilometers

# Kleinzee Solar PV Facility and Associated Grid Connection, Northern Cape Province

Optimised Layout Map

## Legend

- Existing Power Line
- Secondary Road
- Authorised Zonnequa Collector Substation
- Farm Portion
- Facility Layout**
- Kleinzee Solar PV
- Solar PV Arrays
- Internal Roads
- Associated infrastructure and laydown hub
- BESS
- Kleinzee Onsite Facility Substation
- O&M
- Existing Main Access Road (8m)
- Planned Access Road (8m)
- Planned 132 kV Grid Connection
- Grid Connection Corridor (300m)



Zonnequa Collector Substation

Zonnekwa 326

Zonnekwa 326/1

Zonnekwa 328/2

Zonnekwa 328/3

Zonnekwa 328/3

Zonnekwa 328/4

Zonnekwa 328/4

Juno-Gronis 400kV

Juno-Gronis 400kV

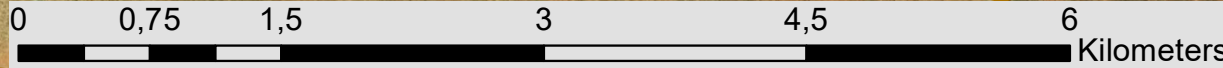


Scale: 1:150 000  
Projection: GCS\_WGS\_1984  
Map Ref: Kleinzee PV Facility Layout Map



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community





















KOMMAGAS / SANDVELD SWITCHING STATION 1 66kV OHL

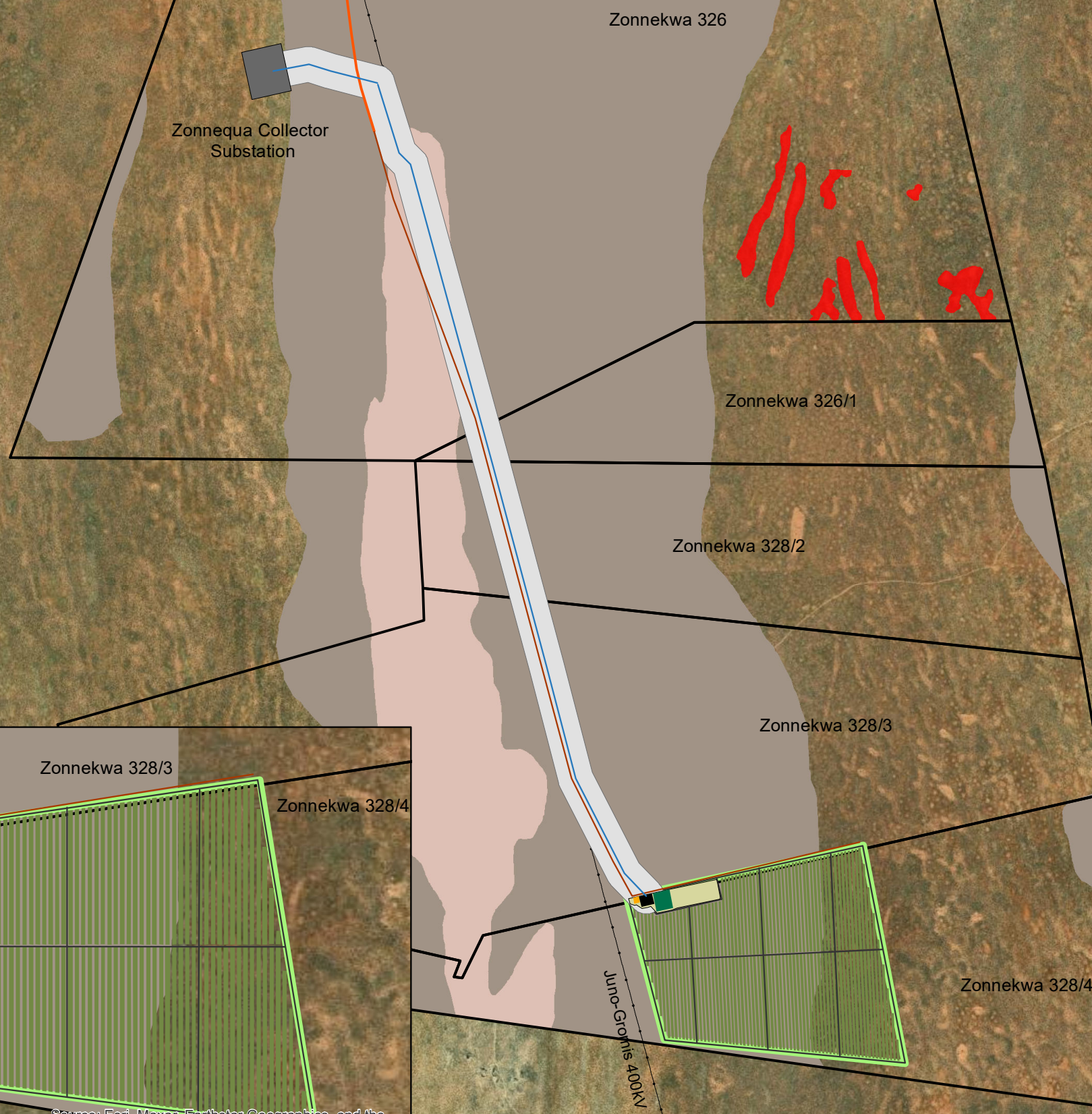
DR2964

# Kleinzee Solar PV Facility and Associated Grid Connection, Northern Cape Province

## Optimised Layout and Sensitivity Map

### Legend

-  Existing Power Line
-  Secondary Road
-  Authorised Zonnequa Collector Substation
-  Farm Portion
- Facility Layout**
-  Kleinzee Solar PV
-  Solar PV Arrays
-  Internal Roads
-  Associated infrastructure and laydown hub
-  BESS
-  Kleinzee Onsite Facility Substation
-  O&M
-  Existing Main Access Road (8m)
-  Planned Access Road (8m)
-  Planned 132 kV Grid Connection
-  Grid Connection Corridor (300m)
- Environmental Sensitivities**
-  Dunes (High Ecological Sensitivity)
-  Calcrete (High Sensitivity)
-  Plains (Low Sensitivity)



Zonnequa Collector Substation

Zonnekwa 326

Zonnekwa 326/1

Zonnekwa 328/2

Zonnekwa 328/3

Zonnekwa 328/3

Zonnekwa 328/4

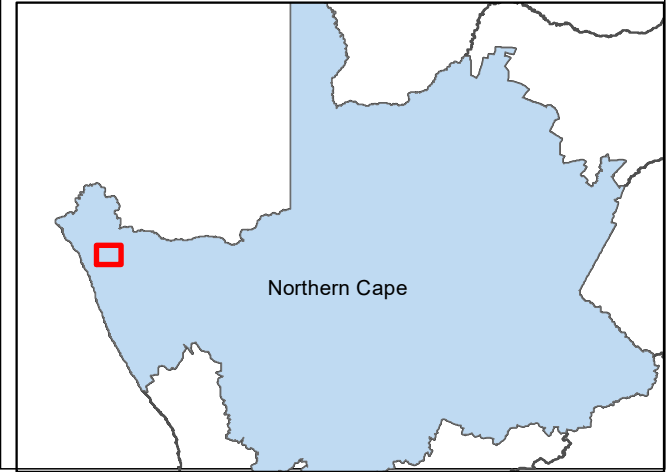
Zonnekwa 328/4

Juno-Gronis 400kV

Juno-Gronis 400kV



Scale: 1:150 000  
Projection: GCS\_WGS\_1984  
Map Ref: Kleinzee PV Facility Opt Layout and Sens Map



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community