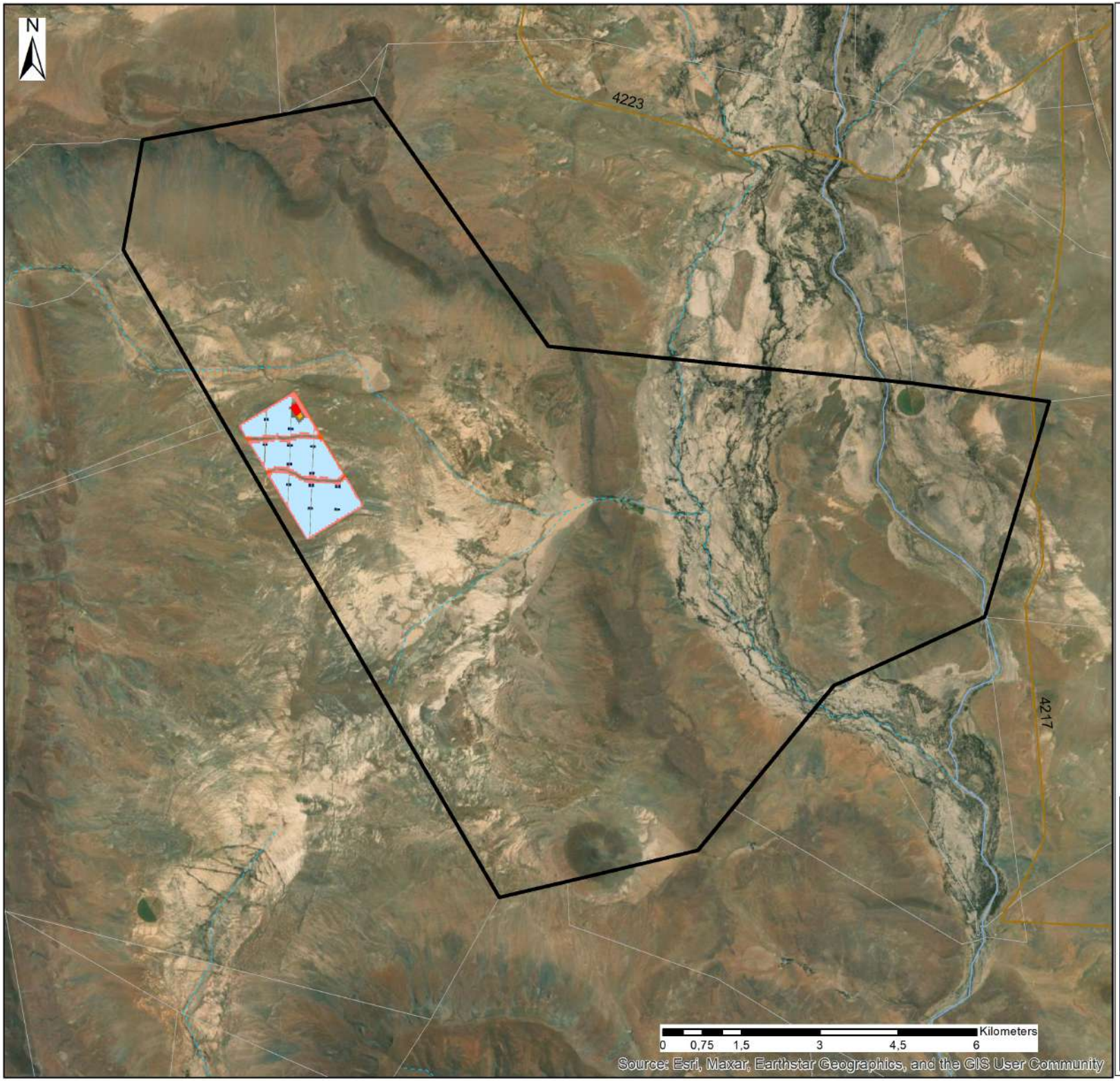
Brakpan 1 Solar Energy Facility
Central Karoo District Municiplaity
Western Cape Province

Layout Map



Legend

- Perennial River
- Non-perennial River
- Main Road
- Substation Compound (130mx70m)
- Inverter Compound (25mx25m)
- PV Layout
- Brakpan 1 Solar Energy facility
- Site Boundary Offset (10m)
- Inverter Offset (10m)
- Battery (100MW)
- The farm Poortjie 76

savannah environmental

Scale: 1:100 000
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster

Brakpan 1 Solar Energy Facility
Central Karoo District Municiplaity
Western Cape Province

Environmental Sensitivity and Layout Map

Legend

- Main Road
- Perennial River
- Non-perennial River
- Solar Panels
- Inverter Area
- Access Roads
- Substation
- Roads
- Inverter Area
- Battery 100MW
- Brakpan 1 Solar Energy facility
- The farm Poortjie 76

Environmental Sensitivities

- Precautionary Areas
- Ecological Non- Developable Areas
- Dolerite Sensitivity Area

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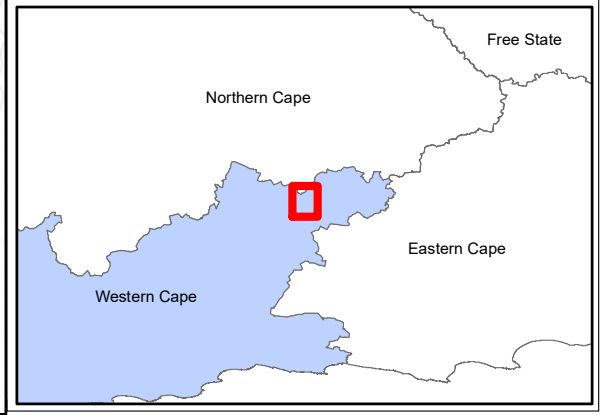
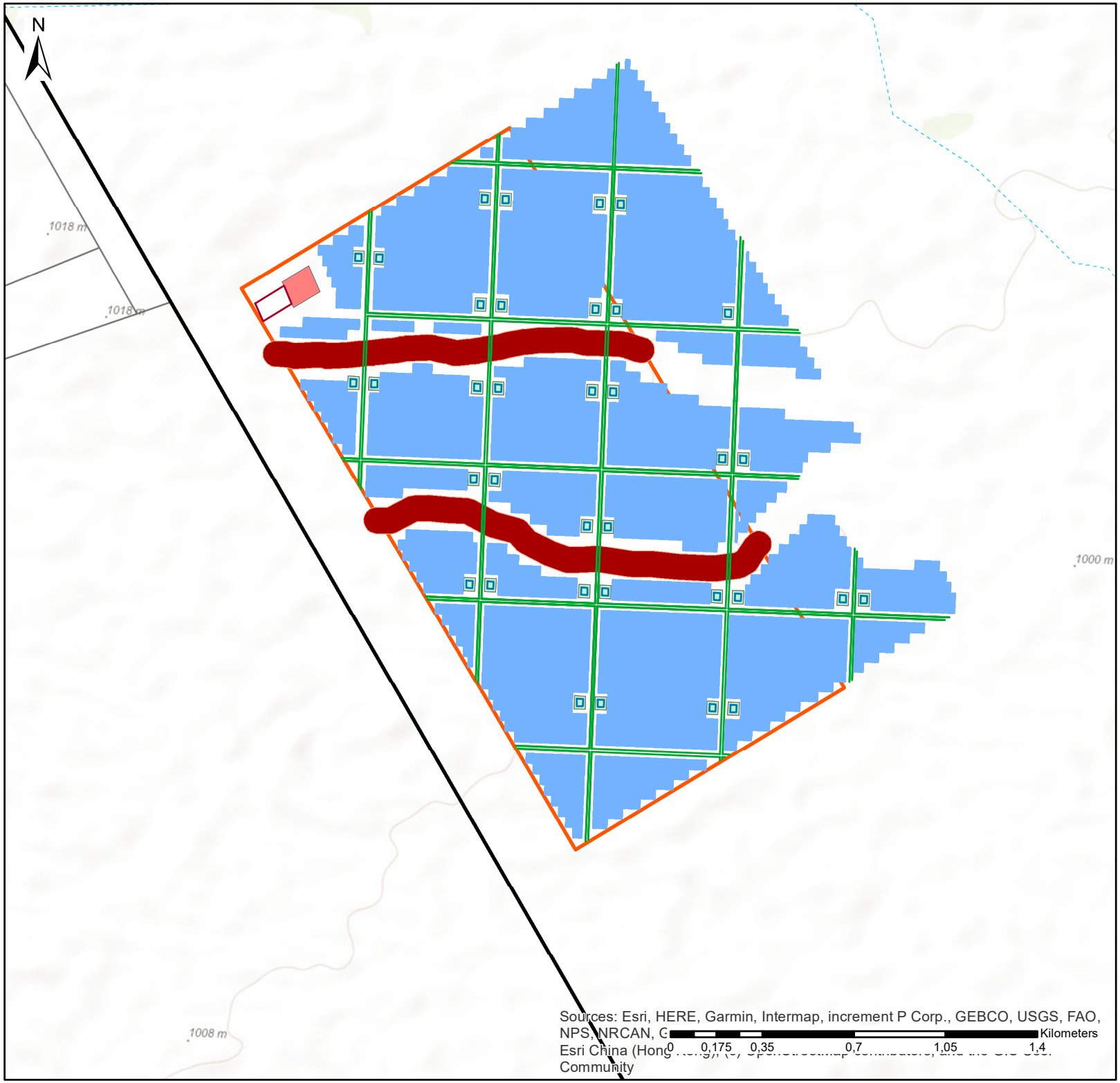
Scale: 50000
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Brakpan 1 Solar Energy Facility
Central Karoo District Municiplaity
Western Cape Province

Final Layout Map



Legend

- Main Road
- Perennial River
- Non-perennial River
- Solar Panels
- Inverter Area
- Access Roads
- Substation
- Roads
- Inverter Area
- Battery 100MW
- Brakpan 1 Solar Energy facility
- The farm Poortjie 76

Environmental Sensitivities

- Ecological Sensitivity (Non- Developable Areas)
- Dolerite Sensitivity Area

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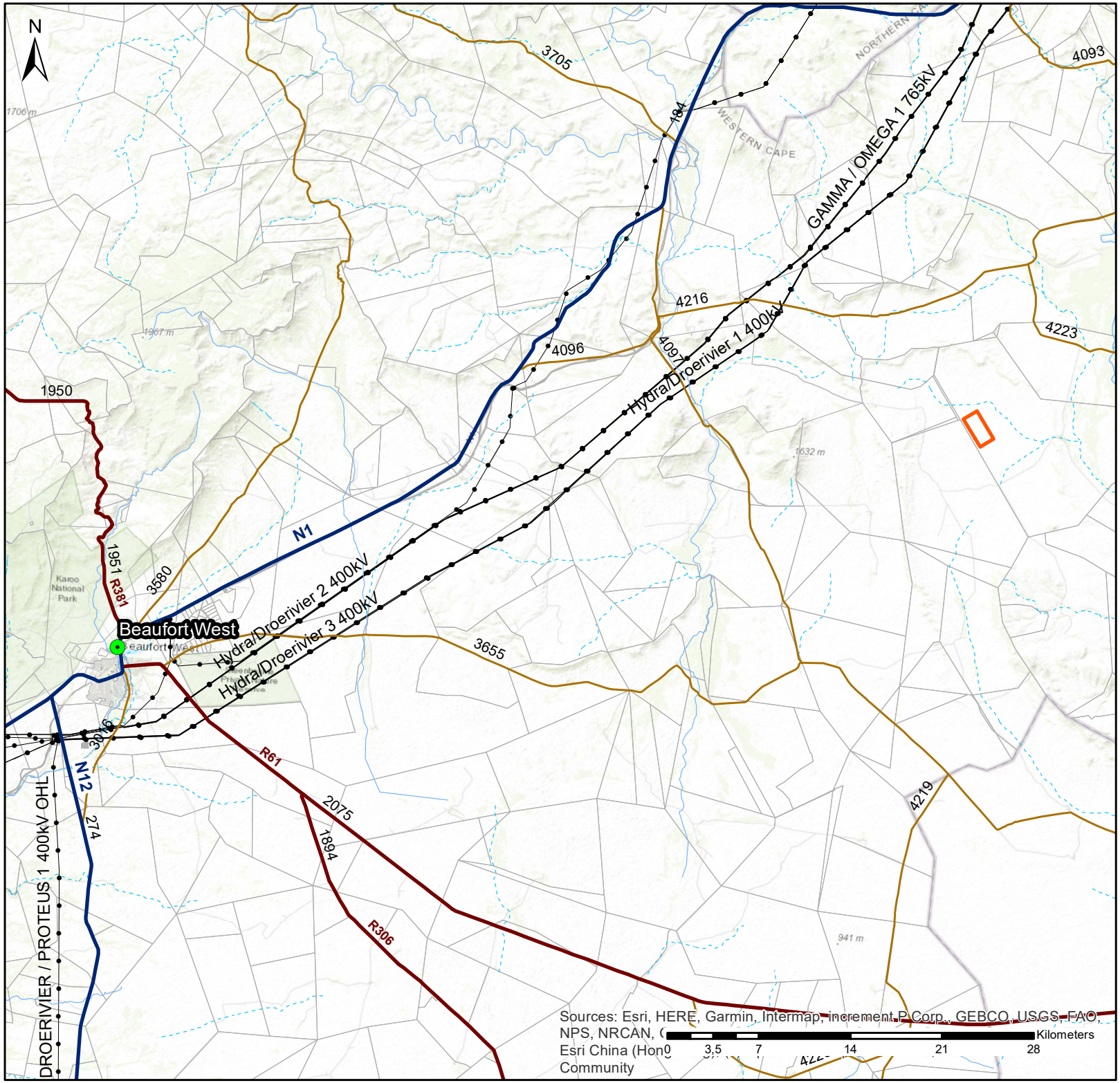
Scale: 50000
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster

Brakpan 1 Solar Energy Facility
Central Karoo District Municiplaity
Western Cape Province

Locality Map



Legend

- Towns
- National Road
- Regional Road
- Main Road
- Perennial River
- Non-perennial River
- Existing Power Line
- Brakpan 1 Solar Energy facility

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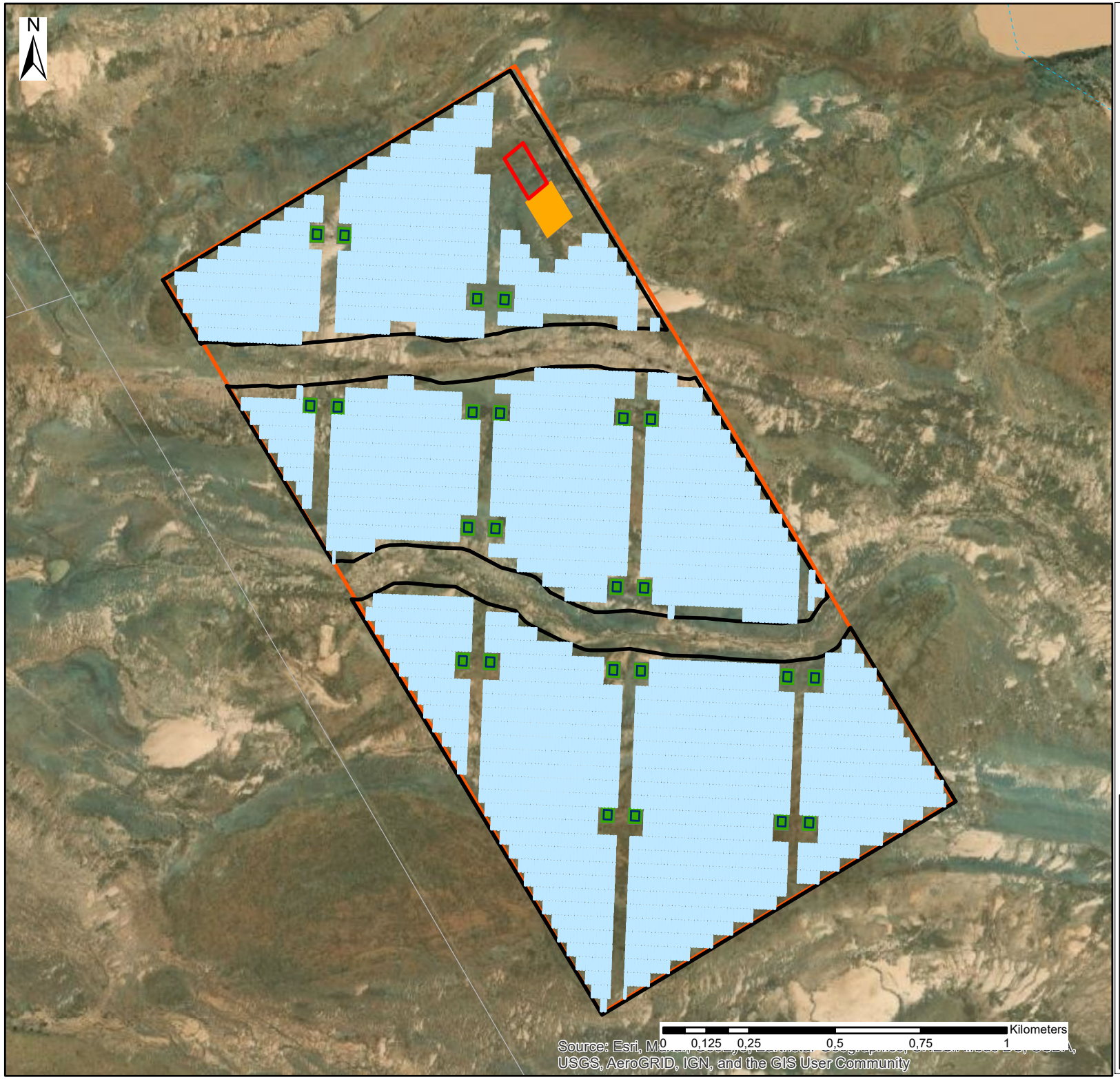
Scale: 1:400 000
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster

Brakpan 1 Solar Energy Facility
Central Karoo District Municiplaity
Western Cape Province

Layout Map



Legend

- Main Road
- Perennial River
- Non-perennial River
- Substation Compound (130mx70m)
- PV Layout
- Inverter Compound (25mx25m)
- Brakpan 1 Solar Energy facility
- Site Boundary Offset (10m)
- Inverter Offset (10m)
- Battery (100MW)

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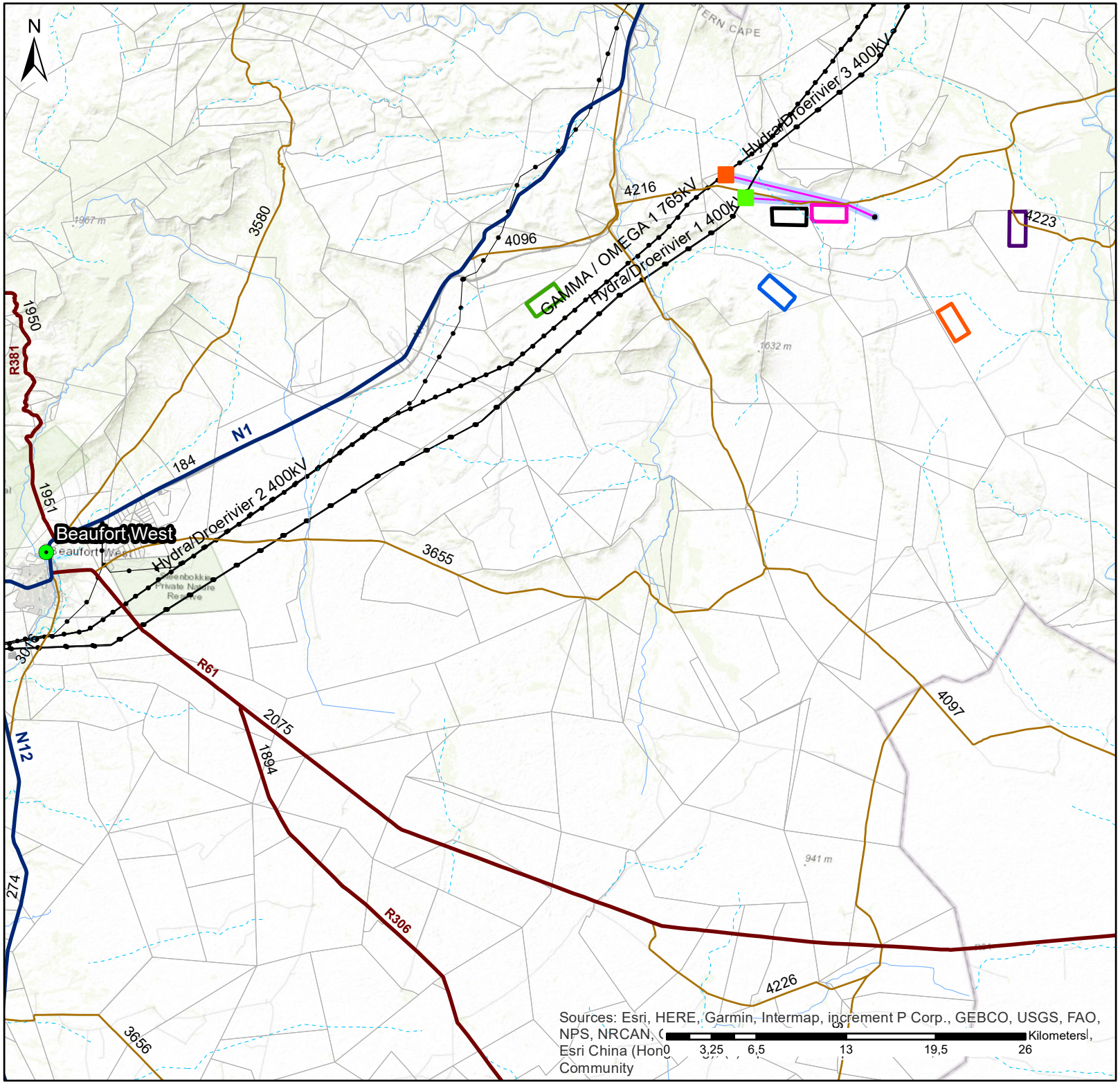
Scale: 1:15 185
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster

Poortjie Solar Energy Cluster
Central Karoo District Municiplaity
Western Cape Province

Locality Map



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Esri China (Hon Community

0 3,25 6,5 13 19,5 26 Kilometers

Legend

- Towns
- National Road
- Regional Road
- Main Road
- Perennial River
- Non-perennial River
- Existing Power Line
- Belvedere Solar Energy Facility
- Brakpan 1 Solar Energy facility
- Brakpan 2 Solar Energy facility
- Montana 1 Solar Energy Facility
- Montana 2 Solar Energy Facility
- Montana 3 Solar Energy Facility
- Collector Station
- Substation Option A
- Substation Option B
- 300 meter Powerline Buffer

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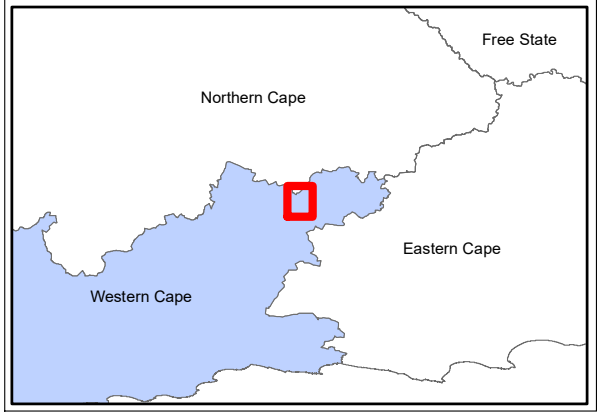
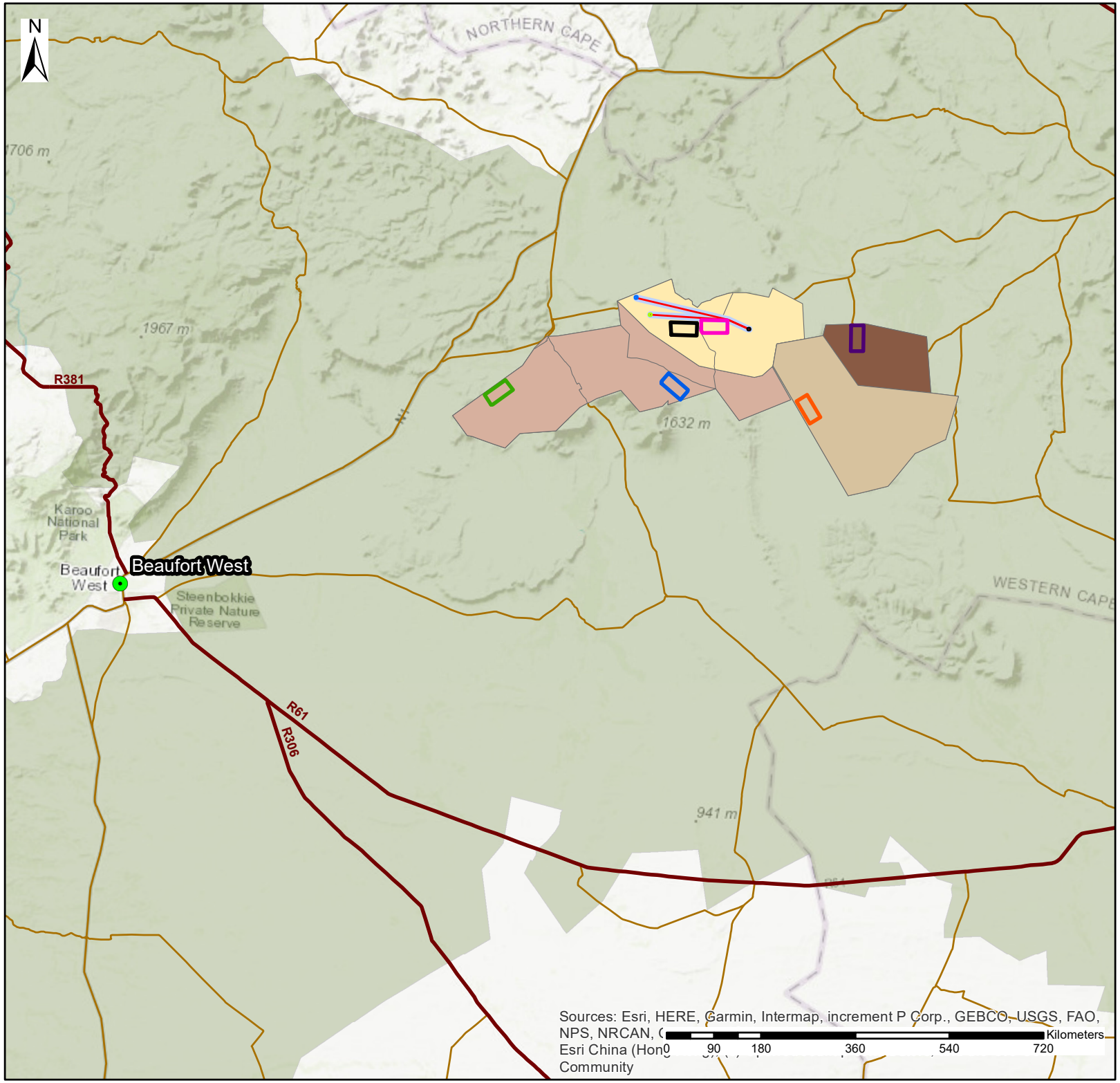
Scale: 1:380 000
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster



Poortjies WES Renewable Energy Cluster
Central Karoo District Municiplaity
Western Cape Province

Locality and REDZ Map



Legend

- Towns
- Regional Road
- Main Road
- Poortjies Wes Cluster Grid
- 300 meter Powerline Buffer
- Belvedere Solar Energy Facility
- Brakpan 1 Solar Energy facility
- Montana 1 Solar Energy Facility
- Montana 2 Solar Energy Facility
- Montana 3 Solar Energy Facility
- Collector Station
- Substation Option B
- Substation Option A
- FARM BELVEDERE 73
- FARM LOUWS BAKEN 77
- FARM MONTANA 123
- FARM POORTJE 76
- Beaufort West (REDZ 11)

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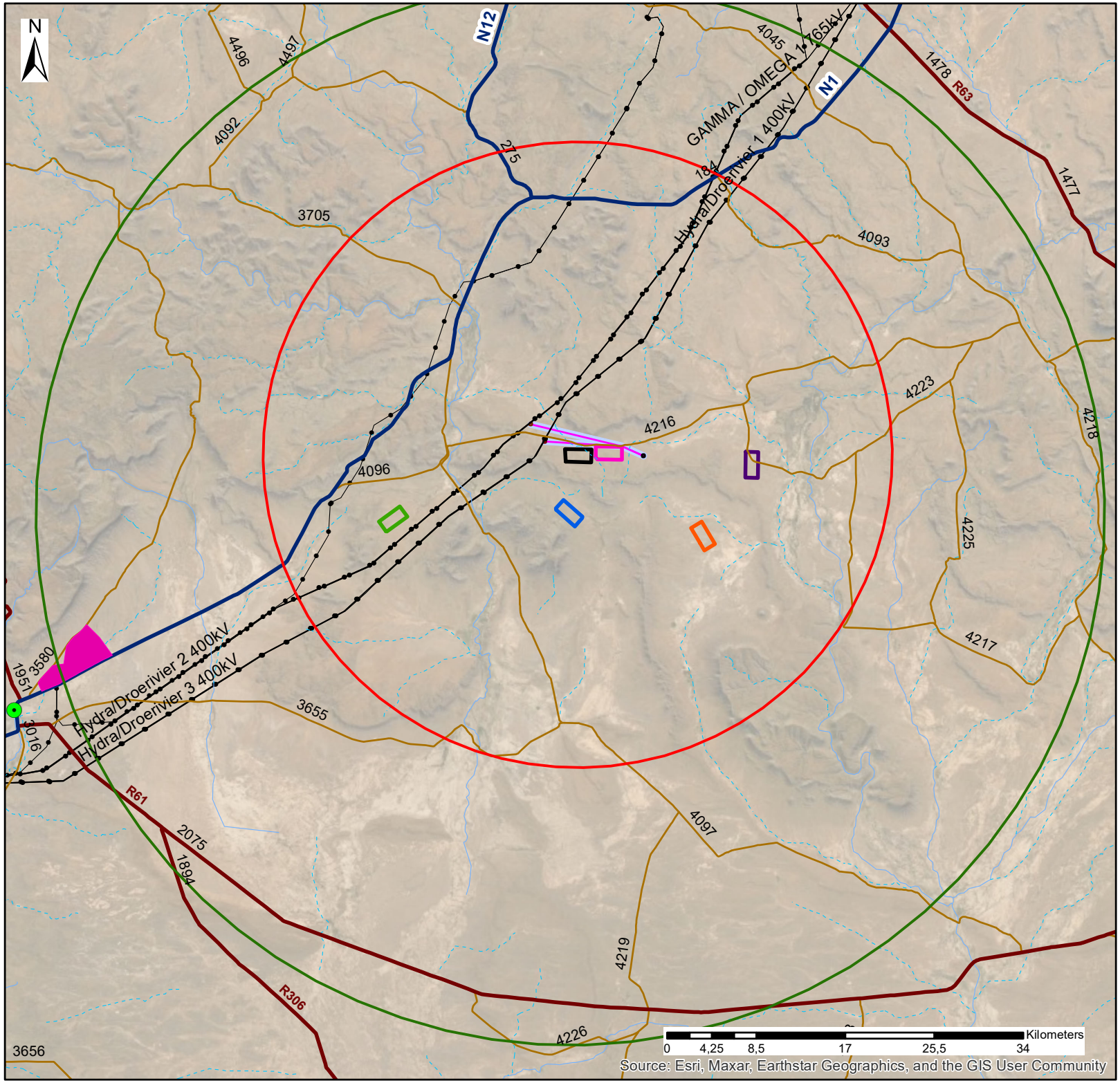
Scale: 1:10 000 000
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster

Poortjies WES Renewable Energy Cluster
Central Karoo District Municiplaity
Western Cape Province

Cumulative Map



Legend

- Brakpan 2 Solar Energy facility (In Process)
- Montana 1 Solar Energy Facility (In Process)
- Montana 2 Solar Energy Facility (In Process)
- Montana 3 Solar Energy Facility (In Process)
- Belvedere Solar Energy Facility (In Process)
- Brakpan 1 Solar Energy facility (In Process)
- Substation A
- Substation B
- Poortjies Wes Cluster Grid
- 300 meter Powerline Buffer

Other known renewable Energy facilities (based on affected property)

- 75MW Beaufort West Photovoltaic (PV) Project (Approved)

Scale: 1:500 000
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster

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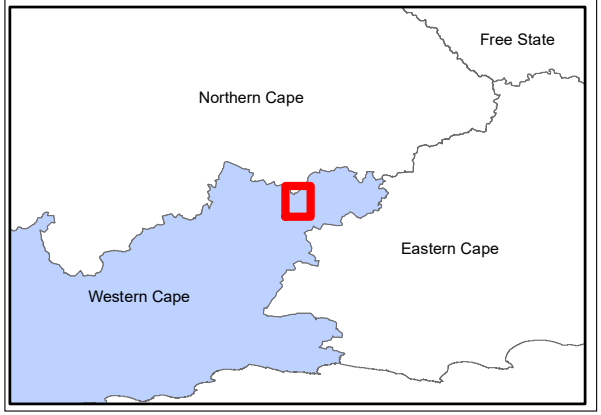
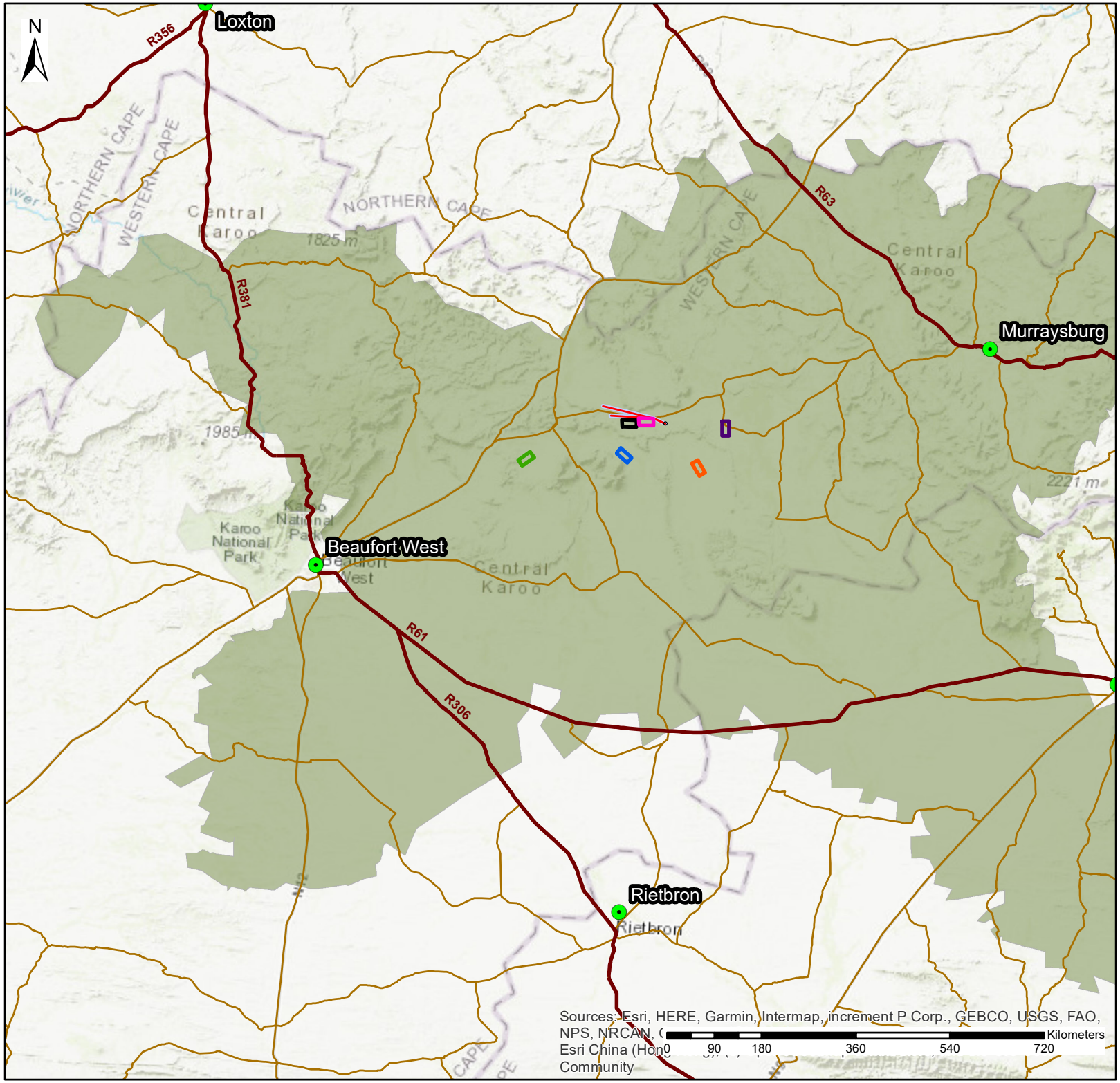


Poortjies WES Renewable Energy Cluster
Central Karoo District Municiplaity
Western Cape Province

REDZ Map



Legend

- Towns
- Regional Road
- Main Road
- Poortjies Wes Cluster Grid
- 300 meter Powerline Buffer
- Belvedere Solar Energy Facility
- Brakpan 1 Solar Energy facility
- Montana 1 Solar Energy Facility
- Montana 2 Solar Energy Facility
- Montana 3 Solar Energy Facility
- Collector Station
- Beaufort West (REDZ 11)

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Scale: 900 000
Projection: LO19
Map ref: Poortjies WES Renewable Energy Cluster