Project Description:

Notsi PV (Pty) Ltd intends to develop an up to 100 MW photovoltaic solar facility and associated infrastructure on the Farm Ebenhaezer No. 1623, Registration Division Boshof, Free State Province situated within the Tokologo Local Municipality and the greater Lejweleputswa District Municipality. The town of Dealesville is located approximately 14km to the northeast of the proposed development (refer to Figure A and Figure B for the respective locality and regional maps).

The total development footprint of the project will approximately be 220 hectares (including supporting infrastructure on site, however excluding the main grid connection infrastructure to connect to the national electricity grid) as assessed as part of the Basic Assessment process. The design within the development footprint considered the placement of the project infrastructure in environmentally appropriate locations through the avoidance of sensitive environmental features which may be present. The facility will include specific infrastructure, namely:

- PV Panel Array;
- Battery Energy Storage System (BESS);
- · Inverters;
- On-site facility substation (132/33kV) and underground cabling (up to 33kV);
- Permanent supporting infrastructure including site administration office, switch gear and relay room, staff lockers and changing room, security control building, operations and maintenance building and warehousing;
- Roads (main access and internal roads);
- · Fencing; and
- Temporary laydown areas and site camp during construction (to be rehabilitated afterwards).

It must be noted that a separate Basic Assessment (BA) process will be undertaken for the grid connection infrastructure to be developed to enable the evacuation of the generated electricity from the facility to the national grid. The development will be known as the Notsi Grid Connection and will include a grid connection corridor in which the placement of a new 132kV power line and switching substation(s) will be assessed and Environmental Authorisation sought for.

General Site Information:

| Aspect | Description | |
|--------------------------------------|---|--|
| Description of affected farm | Farm Ebenhaezer 1623 | |
| portions (information to be used | | |
| for the respective project as | | |
| relevant) | | |
| Province | Free State Province | |
| District Municipality | Lejweleputswa District Municipality | |
| Local Municipality | Tokologo Local Municipality | |
| Ward numbers | 3 | |
| Closest towns | Approximately 14 km southwest of the centre of Dealesville | |
| | in the Free State Province | |
| 21 Digit Surveyor General codes | F0040000000162300000 | |
| Type of technology | Photovoltaic | |
| Structure Height | PV Panels: up to 4.5m | |
| | Battery Energy Storage System (BESS): ≤ 8m | |
| | Buildings: up to 4m | |
| | On-site Facility Substation: < 30m | |
| EIA footprint (area assessed for the | 220ha | |
| placement of the development | | |
| footprint) | | |
| Structure orientation | Tracking PV with mono- or bi-facial panels. Bi-facial panels | |
| | with single axis tracking is preferred over fixed-axis or | |
| | double axis tracking systems and mono-facial panels due to | |
| | the potential to achieve higher annual energy yields whilst | |
| | minimising the balance of system (BOS) costs and | |
| | maximizing the efficiency of land use, resulting in the lowest | |
| | levelized cost of energy (LCOE). The preference for single | |
| | axis tracking is also based on the economic viability, water | |
| | requirements, land requirements, efficiency and potential | |
| | environmental impacts of the proposed solar panel | |
| | mounting types. | |
| | The development of the PV facility will take into | |
| | consideration during the final design phase the use of either | |
| | mono-facial or bi-facial PV panels as well as tracker vs fixed- | |
| | tilt mounting structures. Both options are considered | |
| | feasible for the site. | |
| Generation capacity | Up to 100MW per PV facility | |

Technical Details for the Proposed Facility:

| Component | Description / dimensions | |
|--|---|--|
| Height of PV panels | Up to 4.5 meters | |
| Area occupied by inverter / transformer stations | On-site Facility Substation: Up to 4ha | |
| / substations | Eskom Portion of the Substation: up to 5ha | |
| | BESS: 2 ha | |
| Capacity of the on-site substation | 33kV / 132kV | |
| Area occupied by both permanent and | Up to 4 hectares | |
| construction laydown areas | | |
| Area occupied by buildings | Up to 3ha: | |
| | Administration Office (~500m²); | |
| | Switch gear and relay room (~400m²); | |
| | • Staff lockers and changing room (~200m²); | |
| | Security control (~60m²); | |
| Width of internal roads | Between 6 and 8 meters | |
| Height of fencing | Approximately 2 meters | |

Coordinates

| Coordinates | | | | |
|------------------------|---|---------------|---------------|--|
| Development Footprint | Α | 28°44'38.55"S | 25°38'40.57"E | |
| | В | 28°44'55.84"S | 25°38'51.16"E | |
| | С | 28°45'6.79"S | 25°38'39.06"E | |
| | D | 28°45'7.96"S | 25°38'35.71"E | |
| | E | 28°45'11.85"S | 25°38'35.56"E | |
| | F | 28°45'21.26"S | 25°38'29.62"E | |
| | G | 28°45'35.00"S | 25°38'20.12"E | |
| | Н | 28°45'35.31"S | 25°38'12.45"E | |
| | I | 28°45'39.57"S | 25°38'3.41"E | |
| | J | 28°45'36.54"S | 25°37'28.58"E | |
| | K | 28°45'23.75"S | 25°37'17.38"E | |
| | L | 28°45'12.32"S | 25°37'14.83"E | |
| | М | 28°45'7.88"S | 25°37'19.39"E | |
| | N | 28°45'7.63"S | 25°38'15.93"E | |
| | 0 | 28°44'46.48"S | 25°38'34.07"E | |
| On-site Substation | Α | 28°45'12.63"S | 25°37'14.62"E | |
| | В | 28°45'14.86"S | 25°37'16.59"E | |
| | С | 28°45'16.29"S | 25°37'14.60"E | |
| | D | 28°45'14.10"S | 25°37'12.77"E | |
| Battery Energy Storage | Α | 28°45'11.96"S | 25°37'10.82"E | |
| System | В | 28°45'14.10"S | 25°37'12.69"E | |
| | С | 28°45'12.70"S | 25°37'14.41"E | |
| | D | 28°45'11.22"S | 25°37'13.01"E | |
| Proposed Access Road | | 28°45'40.96"S | 25°38'5.13"E | |
| (bend-points) | 1 | 28°45'36.89"S | 25°37'28.00"E | |
| | | 28°45'13.02"S | 25°37'8.58"E | |