

## Appendix B

### Updated project description

Below is a consolidated, description of the Modified development. The project description is adapted from the EIS prepared by NGH Environmental (February 2017) and includes any changes as a result of Modifications 1 – 3. The additional component from the modification is shown in **bold**.

#### The proposal site

The proposal site comprises approximately **202.6ha** of freehold land, identified as Lot 1 DP 1258306 and Lot 2, DP 1258306, and part of **Lot 38 DP755292**.

#### Key infrastructure components

Key infrastructure for the proposal would include:

- Solar arrays comprised of approximately 364,000 modules (solar panels)
- Mounting frames: single axis-tracker units or fixed mounting frames
- Inverter stations: between 24 and 55 inverter stations, each containing an inverter between 2.2 and 4.92MW capacity and a 400V/22-33kV transformer
- Cabling, electrical connections and switch-gear, attached to the mounting frame structures, to interconnect modules
- Underground cabling interconnecting arrays and inverter stations
- An onsite substation containing one 22-33/132kV transformer and associated switchgear
- Internal access tracks to allow for proposal maintenance of modules, inverters and vegetation management
- Permanent staff amenities and offices with a small number of permanent parking spaces for the minimal staff required and occasional visitors
- Perimeter security fencing: a chain-link/ barbed-wire security fence up to 3m in height
- Specific native vegetation screening from specific visual impact locations
- A 132kV power line connecting the solar farm to the Nevertire zone substation approximately 1.5km east of the proposal
- **A Battery Energy Storage System consisting of the following:**
  - **Up to 40 shipping container style (12,2m long 2.9m wide 2.6m high) of battery storage (20 containers: 7.2m long, 1.7m wide 2.5m high)**
  - **Converter kiosks and RMU/step-up transformer kiosks (dimensions subject to OEM final design).**
  - **22kV underground feeder cables**
  - **Control building (typically 10m long 5m wide and 3m high; typically, grey/white)**
  - **Connection to existing Nevertire Solar Farm 22kV switchboard**
  - **Access road and maintenance track**
  - **Boundary security fencing**
  - **Associated drainage, outdoor lighting and security system.**
  - **Water tank (5m diameter ~30kL).**