

Single-line diagram — controlled schematic extract

Application reference	TAC-2026-0001
Project	Turlock Wind Scheme
Developer / client	Carter - Koss SPV Ltd
Parent developer	Nicolas, Auer and Beatty
Document (as filed)	Single Line Diagram 6 (v3)
Inferred type	single line diagram
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This controlled extract supports TAC-2026-0001 for Turlock Wind Scheme. It must be read with the latest connection offer assumptions, fault level study, and earthing design. Declared export capability: 44 MW (export). Technology: bess_export. Interface: Lake Kenyattaburgh BSP · 66 kV class interface.

The schematic extract identifies the POC, transformer, MV collection, metering, and generation/storage assets at Lake Kenyattaburgh BSP · 66 kV class interface.

Drawing / doc no.	TAC-2026-0001-TEC-SLD-01
Revision	C — issued for connection review
Author	Authorised technical representative

This document states 66 kV, which must be compared against planning, offer, and contractual documents.

Key parameters (representative)

- POC at grid interface with main incomer, station transformer, and MV collection to inverter / PCS islands.
- Earthing: TN-S at POC transitioning to IT for selected MV sections per design review DR-TEC-14.

Single Line Diagram 6 (v3) — supporting appendix

This appendix (sheet 3) supplements TAC-2026-0001 for Turlock Wind Scheme. It cross-references the declared export capability (44 MW (export)), the technology mix (bess_export), and the connection scope at Lake Kenyattaburgh BSP · 66 kV class interface. Figures in the operator-facing pack may supersede this extract where stamped “controlled copy”.

Workstream	Cross-ref	Operator review notes
Land & access	LA-3	Verify red-line, access rights, and any wayleave assumptions against latest survey.
Planning & consent	PC-3	Confirm commencement conditions and discharge of pre-commencement items.
Electrical design	EL-3	Align SLD, protection, and fault level study with latest DNO / TO model version.
Programme	PR-3	Critical path through reinforcement, primary plant, and commissioning tests.

Single Line Diagram 6 (v3) — supporting appendix

This appendix (sheet 4) supplements TAC-2026-0001 for Turlock Wind Scheme. It cross-references the declared export capability (44 MW (export)), the technology mix (bess_export), and the connection scope at Lake Kenyattaburgh BSP · 66 kV class interface. Figures in the operator-facing pack may supersede this extract where stamped “controlled copy”.

Auxiliary, charging, commissioning, and operational import capacity are not stated anywhere in the extract.

Workstream	Cross-ref	Operator review notes
Land & access	LA-4	Verify red-line, access rights, and any wayleave assumptions against latest survey.
Planning & consent	PC-4	Confirm commencement conditions and discharge of pre-commencement items.
Electrical design	EL-4	Align SLD, protection, and fault level study with latest DNO / TO model version.
Programme	PR-4	Critical path through reinforcement, primary plant, and commissioning tests.