

Single-line diagram — controlled schematic extract

Application reference	TAC-2026-0008
Project	Port Clementina Solar Scheme
Developer / client	Padberg, Howell and Stokes SPV Ltd
Parent developer	Cruickshank - Kilback
Document (as filed)	Single Line Diagram 2
Inferred type	single line diagram
Category	technical
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This controlled extract supports TAC-2026-0008 for Port Clementina Solar Scheme. It must be read with the latest connection offer assumptions, fault level study, and earthing design. Declared export capability: 57 MW (export). Technology: solar_plus_bess · solar_pv. Interface: East Zacharyfort BSP · 66 kV class interface.

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

Drawing / doc no.	TAC-2026-0008-TEC-SLD-01
Revision	C — issued for connection review
Author	Authorised technical representative

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 2 — supporting appendix

This appendix (sheet 3) supplements TAC-2026-0008 for Port Clementina Solar Scheme. It cross-references the declared export capability (57 MW (export)), the technology mix (solar_plus_bess · solar_pv), and the connection scope at East Zacharyfort 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 2 — supporting appendix

This appendix (sheet 4) supplements TAC-2026-0008 for Port Clementina Solar Scheme. It cross-references the declared export capability (57 MW (export)), the technology mix (solar_plus_bess · solar_pv), and the connection scope at East Zacharyfort 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-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.

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

Single Line Diagram 2 — supporting appendix

This appendix (sheet 5) supplements TAC-2026-0008 for Port Clementina Solar Scheme. It cross-references the declared export capability (57 MW (export)), the technology mix (solar_plus_bess · solar_pv), and the connection scope at East Zacharyfort BSP · 66 kV class interface. Figures in the operator-facing pack may supersede this extract where stamped “controlled copy”.

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

Workstream	Cross-ref	Operator review notes
Land & access	LA-5	Verify red-line, access rights, and any wayleave assumptions against latest survey.
Planning & consent	PC-5	Confirm commencement conditions and discharge of pre-commencement items.
Electrical design	EL-5	Align SLD, protection, and fault level study with latest DNO / TO model version.
Programme	PR-5	Critical path through reinforcement, primary plant, and commissioning tests.