

GROUNDLINE

HV/EHV UNDERGROUND CABLE

We combine rigorous engineering, practical construction insight, and standards driven assurance to help clients achieve reliable and future ready underground networks. Our collaborative approach ensures challenges are addressed early and outcomes are aligned from design to commissioning.

OUR SERVICES:

Cable Design up to 500kV

- Custom HV/EHV cable system design
- Power transfer optimisation
- Earthing and bonding design

System Engineering

- Voltage, load and fault level studies
- Route planning and optimisation for city, urban, rural and agricultural environments
- Integration with overhead and submarine/landfall systems

Testing and Certification

- Facilitation of high voltage testing (impulse, dielectric, thermal)
- Compliance with IEC, IEEE, CIGRÉ, client, and local standards
- Quality assurance and reliability

TRUSTED PROJECT OUTCOMES:

We work across the full power lines industry from 11kV to 500kV+, delivering new builds, refurbishments, assessments, and project support.

Our team has operated worldwide; in deserts, rainforests, cities, and cyclone-prone regions. This gives us the experience to handle any challenge.

PREDICTABILITY:

Fewer late changes, clear decisions early, and stable scopes your delivery partners can rely on.

BUILDABILITY:

Designs that reflect real installation conditions, reducing workarounds, delays and construction risk.

REDUCED WORKLOAD:

Your PMs, designers and consultants spend less time chasing interfaces and more time delivering.

CLEAR, DEFENSIBLE DECISIONS:

Documented rationale and audit-ready evidence that protects project and personal reputation.

STAKEHOLDER CONFIDENCE:

The presence of credible underground expertise accelerates approvals and smooths regulatory engagement.

Let's Get to Work.

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