



Save time and money with our innovative approach to major cabling projects.

When you're installing cabling for major engineering projects in rural areas, much of the cost is tied up in the staff required to lay the cables and to manage the environmental impact of the groundworks.

Our innovative approach to cabling technology can solve the big challenges you face on major electrical engineering projects.

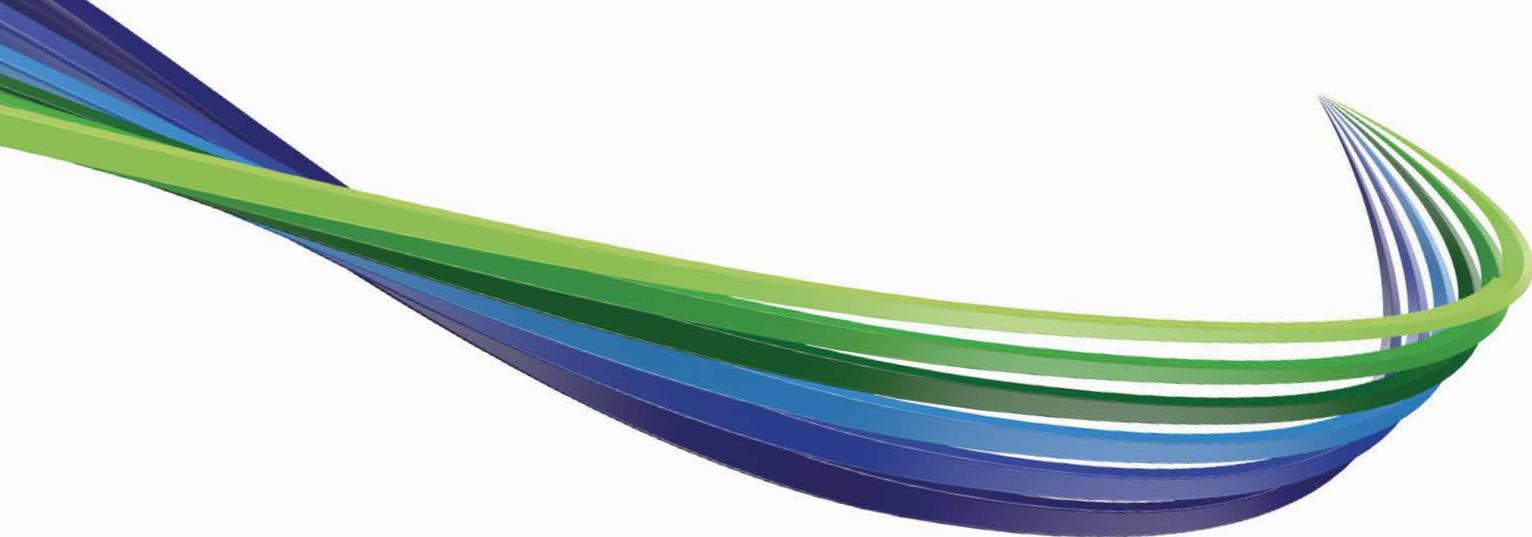
With our innovative trenchless cabling technology, we can transform costs. By using cable ploughs and directional drills, you can reduce the workforce requirements and cut the time required to complete projects. In addition, because the trenchless technology is far less environmentally invasive, planning and reinstatement are less challenging.

SSE Enterprise has a long track record of managing successful cabling projects from Low Voltage to Extra High Voltage cabling. We also manage all parts of the process from the cable route survey through to planning and delivery.

Expertise in front-end surveying, planning and project management

SSE Enterprise can act as Principal Contractor, particularly on larger and more challenging sites. With our specialist installation partners, we can deliver cable route design and installation in a manner that is both economical and environmentally viable.

Our teams are led by experienced Project Managers, who have a broad knowledge and understanding of CDM Regulations. They also have experience of programming multi-disciplined contracts and working with environmentally efficient technology.



40% cost saving with Cable Plough

The Cable Plough is an extremely efficient device, completing the cabling in a single operation. First it creates a laying groove in the ground before feeding in the cables automatically. The groove is then closed as the plough moves forward.

Our calculations have shown that, typically, around 800m to 1km of cable can be laid in a day, with up to 40% cost savings compared to open cut methods. This method also benefits from faster land recovery rates and reduced land damage. The plough is not limited to cabling – pipes and ducting can be laid simultaneously in the same groove.

Minimal land disturbances with Directional Drill

The Directional Drill creates a smooth bore cable tunnel underneath permanent obstacles such as highways and watercourses. It then pulls cables through without interruption to the obstacle being bypassed.

Capable of covering underground distances of up to 500m and able to work in confined areas, the drill significantly reduces the environmental impact of the cable pathway. There is also limited traffic congestion, no highway reinstatement cost, minimal land disturbance and no need to divert or dam watercourses.

Open Cut lays up to 1km cables, pipes or ducting per day

We are specialists in working on landscapes of varying topography and in challenging ground conditions such as peat bogs. Using Rock Trenchers, which can work in confined spaces, we can lay up to 1km of cable, pipes or ducting per day. There is very little land disturbance, spoil is minimised and reinstatement is reduced compared to traditional open cut works.

For further information on our major cabling services, get in touch today

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