

Folkestone HV Cable Fire



THE PROJECT

A 33kV oil filled high voltage cable which connects Folkestone Junction substation to Abbotscliffe substation, caught fire at Folkestone Warren. AMI Projects have the framework contract to maintain and fault NWR's high voltage cables in Kent Route. AMI responded to make the oil filled cable safe and made arrangements to extract the straight joint, which had caused the fire, and make an insertion to enable the cable to be restored to service.

Project Started

**Dec
2024**

Project Ended

**Jan
2025**

Client

**Network
Rail Kent**

THE DELIVERABLES

- Fault response to the fire, control of oil leakage from the oil filled HV cable and isolation of the HV cable.
- Flush the HV oil filled cable, over the Christmas period, to remove contamination and moisture from the insulating oil.
- Modify the HV cable route and install two joint bays, to enable a 15m insertion piece, two straight joints and new oil line to be installed.
- HV cable jointing.
- HV pressure test.

CHALLENGES & SOLUTIONS

AMI Projects had to resource the recovery over the Christmas period, using our own staff and sub-contractors, many thanks to all our staff that were able to help. Resourcing the oil filled cable at short notice and arranging HV cable jointing was a concern, but our reliable supply network ensured we could deliver this work at short notice.

