



Cable System Monitoring

Cable Consulting International can provide expert knowledge on monitoring techniques and methods for all types of power cable system.

The current trend towards condition based monitoring is fully recognised and our knowledge extends to including the latest developments in data transmission and presentation.

Our expertise includes:

- oil pressure monitoring
- gas pressure monitoring
- oil and gas leak detection and location
- distributed temperature measurement
- partial discharge detection and measurement
- cable movement detection and measurement
- cable oversheath integrity checking
- cable bonding system checking
- sheath voltage limiter integrity checking

In each case we are able to interpret the data generated by each monitoring system in order to assess any impact on cable system life and integrity.

In addition, cable fluid sampling can be carried out to test for moisture, contaminants and dissolved gasses.

If you would like further information, please contact our Systems Office using the information listed below.



Cable Consulting International engineers have the highest experience and expertise in all aspects of land and subsea power cable systems from 10kV to 550kV and beyond.

We have hands-on R&D, manufacturing, commercial, project management and installation experience and are the authors of over thirty technical papers.

Our experience of worldwide AC and DC cable system types includes oil-filled, gas-filled, XLPE, EPR, mass impregnated cables and gas insulated lines. We have in-depth knowledge of accessory design for both present and superseded designs. We have over thirty years of international cable system project management experience.



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