

# EMERGENCY

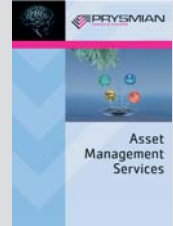


ASSET MANAGEMENT SERVICES

Network Engineering | Condition Assessment | Monitoring | **Emergency**

24h/7d Availability  
Fault Location  
Repair  
Emergency Caps  
Spare Parts Stock

Benefits: > **Reduced Unplanned Outages Time**



## Applications

All circuits, be them for transmission or for distribution purposes, can be subject to unplanned service interruptions.

Generally, the origin lies in civil works carried out in proximity to the circuit itself (for example, excavations near buried circuits) or in regular activities, which sporadically "invade" the circuit's protected area (submarine cables damaged by anchors).

These and all of the other cases of unexpected service interruption require a rapid and professional intervention to minimise the economic damages to both the circuit's owner/manager and the community. This service allows relying on a team ready to intervene on any type of circuit (either terrestrial or submarine) at any voltage.

The intervention's procedure and timing are agreed upon directly with the customer and may vary according to the various circuits' position, yet they always ensure an excellent contingency management.



Emergency splice

## Benefits

An unexpected or, in any case, an unplanned event such as a fault on a transmission or on a distribution line can have a strong economic impact.

Suffice it to think that in some cases in Europe a link's failure could reach an average cost of approximately 0,50 € per V.

This means that the estimated cost of a failure on a 150 kV line could be approximately 75.000,00 €.

In addition, also the losses due to the unsold power and the cost of users' refunds must be taken into account.

The emergency service includes, among other things, the optimal storage of spare parts (accessories, cable lengths...).

The agreement of such a service ensures, therefore, the minimisation of costs due to unplanned service interruptions.

# EMERGENCY

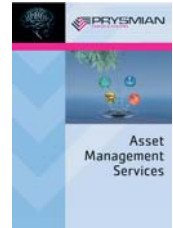


ASSET MANAGEMENT SERVICES

Network Engineering | Condition Assessment | Monitoring | Emergency

24h/7d Availability  
Fault Location  
Repair  
Emergency Caps  
Spare Parts Stock

Benefits: > **Reduced Unplanned Outages Time**



## Services

Prysmian can guarantee a global assistance service to those customers who stipulate an emergency service contract.

Thanks to an extensive presence on the territory, maximum intervention times in the case of failure and 24-hour availability can be guaranteed.

The service includes fault location, first emergency interventions such as oil discharge control and final repair interventions.

An increased quality of the service quality is also ensured by the possibility of storing in a controlled environment of spare parts such as terminations, joints and/or cable lengths.

This solution, highly recommended for particularly critical links, allows repair interventions in an extremely short time.

Before the link it is put back in service after its restoration, the execution of a tests' set is highly recommended (see *After Installation Tests; Partial Discharges* datasheets).



Mobile Unit for Emergency Interventions

## References

Aquila	UK
CORUS	The Netherlands
DELTA	The Netherlands
DOW	The Netherlands
East Midlands Electricity	UK
EDF Energy	UK
Endesa	Spain
ENECO	The Netherlands
e.ON	The Netherlands
ESSENT	The Netherlands
Hydro Agri	The Netherlands
Iberdrola	Spain
Jersey Electric Company	UK
National Grid Transco	UK
NEDL	UK
Northern Ireland Electricity	U.K.
NUON	The Netherlands
Scottish Power	UK
Scottish & Southern Energy	UK
Thermophos International	The Netherlands
TZH	The Netherlands
Union Fenosa	Spain
United Utilities	UK
WPD	UK