

# onsite

HV SOLUTIONS

Relaxing to know ...

it “just” works!

... we help you to maintain it.



### onsite hv solutions

An international organization with a team of highly qualified specialists, assisting you with asset management decisions and providing modern on-site solutions for an optimal use & maintenance of medium and high-voltage components.

Our extensive scientific knowledge and highly skilled and experienced group of testing specialists with years of field experience, long and close cooperation with well-known universities and leading manufacturers around the world, as well as active work in organizations like CIGRE, IEEE and IEC, allow us to provide effective solutions for electric power utilities.

**onsite hv solutions provides solutions for electric power utilities and support asset management decisions about optimal use and maintenance of medium and high voltage components.**



#### On-site testing and diagnosis

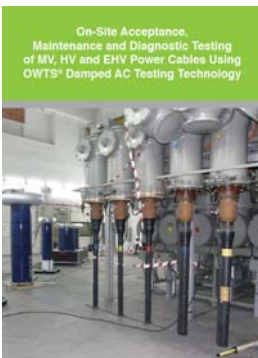
- After-laying testing of MV, HV and EHV power cables
- On-load tap-changers off-line diagnosis (DRM)
- PD and dielectric loss diagnosis of service aged MV, HV and EHV power cables
- HV and EHV power cables insulation condition monitoring



#### System & application training

- In-house course
- Implementation support

In the following brochures more information is available on the services we provide:



#### All types of XLPE insulated transmission power cables:

on-site cable acceptance-, maintenance- and diagnostic testing and partial discharge diagnosis of all types of newly installed cables by the application of damped AC (DAC) voltages.

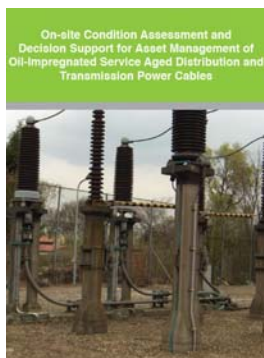


#### All types of distribution power cables:

on-site cable acceptance-, maintenance- and diagnostic testing and partial discharge diagnosis of all types of newly installed cables and service aged cables by the application of damped AC (DAC) voltages.

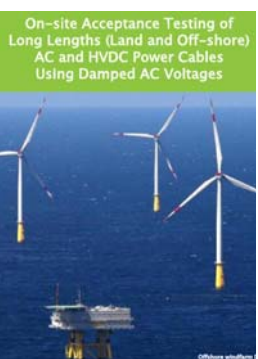
#### All types of oil-impregnated serviced aged transmission power cables:

condition assessment by means of diagnostic parameters as partial discharge measurements and dielectric losses estimation.



#### Power transformer with on-load tap changer:

integrated on-site diagnostics of power transformer by means of dynamic resistance diagnosis of on-load tap changer, turn-ratio and windings resistance measurement.



#### Long lengths of AC and DC, land and off-shore power cables:

on-site cable acceptance-, maintenance- and diagnostic testing and partial discharge diagnosis of all types of newly installed and service aged cables by the application of DAC voltages.



### Key competences for electric power utilities

- Knowledge support
- On-site testing services
- Asset management solutions

**onsite hv solutions** is the exclusive provider of damped AC (DAC) based on-site testing and diagnostic services in Central- and Eastern Europe as well as in all Americas



**onsite hv solutions** is the right partner of power utilities to assist them on their way to improve the quality and the reliability of their power network components

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