

HELIO ENERGIES

Energized Overhead Transmission Lines Maintenance

Boosts Uptime, Production and Reliability

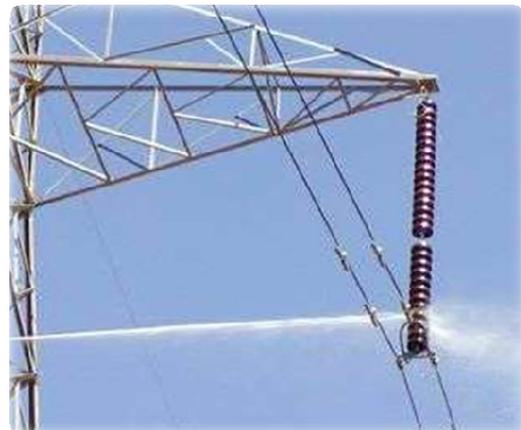
HelioEnergies is a one-stop company integrating Predictive, Preventive and Corrective Maintenance Solutions to cover all Overhead Transmission Lines (OHTLs) challenges that are accountant for power failures, unscheduled shutdowns, equipment damage and lost production



Can you do your Predictive, Preventive and Corrective Maintenance Programs without a single shutdown?

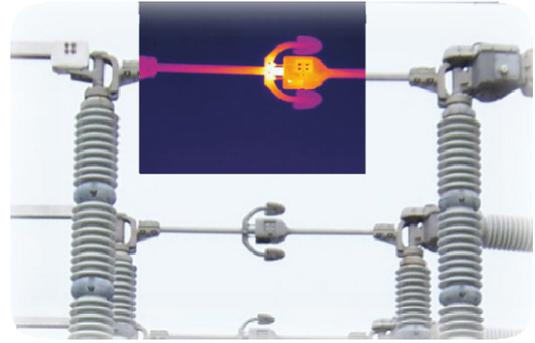
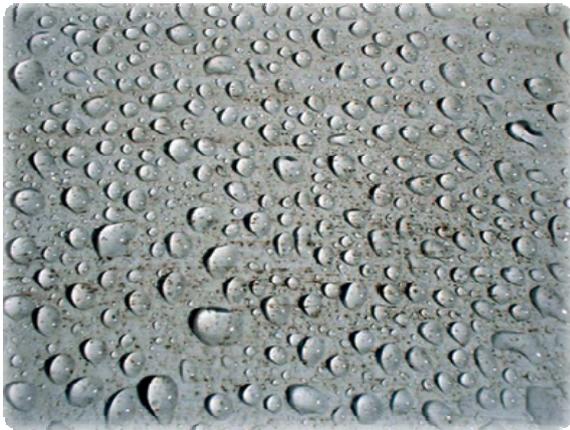
Hot Washing: Power insulators are continuously exposed to sand storms, salty fog, dense humidity and industrial pollution. Accumulation of contaminants results in water filming which eventually leads to leakage currents and flashovers. Routinely scheduled pressurized washing for energized power insulators eliminates the need for scheduled shutdowns. The overall efficiency of the network and the failure records are remarkably improved without any unneeded interruption for the power supply.

Yes, you can



Thermal imaging

Thermal Imaging is becoming one of the most important tools in Predictive Maintenance and Condition Monitoring. Thermal Imaging is the use of an infrared imaging and measurement system that can "see" heat emitted from an object. Thermal Imaging systems work because there is a direct relationship between temperature and pending failure in most plant equipment. Thermal Imaging can inspect quickly and effectively all indoor and outdoor components of the electrical systems with the system under load.



Silicone RTV Coatings

High Voltage Insulator Coatings (HVIC) are potentially the most reliable maintenance-free solution available for long term protection against pollution induced flashovers. Silicone RTV Coatings have superior field track record in exhibiting Hydrophobicity and Long-term Weather Resistance. Hydrophobic surfaces prevent water filming by forming separate water droplets. Silicone RTV Coatings are also characterized by having strong resistance for UV degradation, water absorption and acid rain.

All our services are offered while your production is flowing

Energized Maintenance

Whether using Distance Method or Potential Method, there is virtually no limit on the scope of maintenance services that can be offered to the Overhead Transmission Lines (OHTLs) on the energized mode. Counting on the proper equipment, experienced personnel and strict safety rules, heavy maintenance tasks for energized OHTLs components are safely performed, avoiding any collapse for any of these components that may lead to power failure which translates to financial losses.



Helio Energies will Closely work with your Maintenance Department to reasonably set your goals, clearly define your requirements, efficiently design your programs and cost-effectively implement them.

Helio Energies Free Zone

116 EL Nozha st, Heliopolis

Cairo 11361, Egypt

Phone: +202 2414-9560

Fax: +202 2290-7460

E-mail: contact@helioenergies.com

Website: www.helioenergies.com