

# Medium Voltage Cable Field Testing Program (MVCFTP)

The energy and utilities industry requires testing for medium voltage (MV) cables. Medium voltage cable owners employ testing technologies for multiple reasons, including commissioning, asset diagnoses and condition assessments. This testing is an essential part of helping to assess the safety, quality and performance of cable systems while also providing the technical basis for MV circuit maintenance programs. UL Solutions offers testing services, a strong brand reputation and extensive expertise supporting the global wire and cable industry.

## **Medium Voltage Cable Testing for your needs**

As a global market leader in wire and cable testing, inspection, certification and verification, our diversified set of capabilities and knowledge of the energy and utilities sector help global customers develop solutions for cable and cable accessories with a focus on safety, quality and performance. UL Solutions provides customized testing services based on our customers' requirements and their unique testing objectives, including commissioning of newly installed cable systems, recommissioning of repaired circuits, diagnostic tests and condition assessments for in-service and aged circuits.

Our strong technical team has a wealth of knowledge and experience to help build testing solutions for an array of unique cable system conditions and requirements. We also continue to evolve our capabilities and services to meet your increasing needs. UL Solutions strives to support business growth and help our customers meet the shifting requirements of a changing world with testing services across the entire life cycle of an MV cable system.



## Testing Process

### Planning

- Cable system components
- Installation and configuration
- Operating conditions
- Historical data
- Accessibility
- Selection of testing methods

### Field Testing

- Safety evaluation
- Cable preparation
- Record tested circuit information
- Equipment setup
- Sensor placement
- Testing and data acquisition

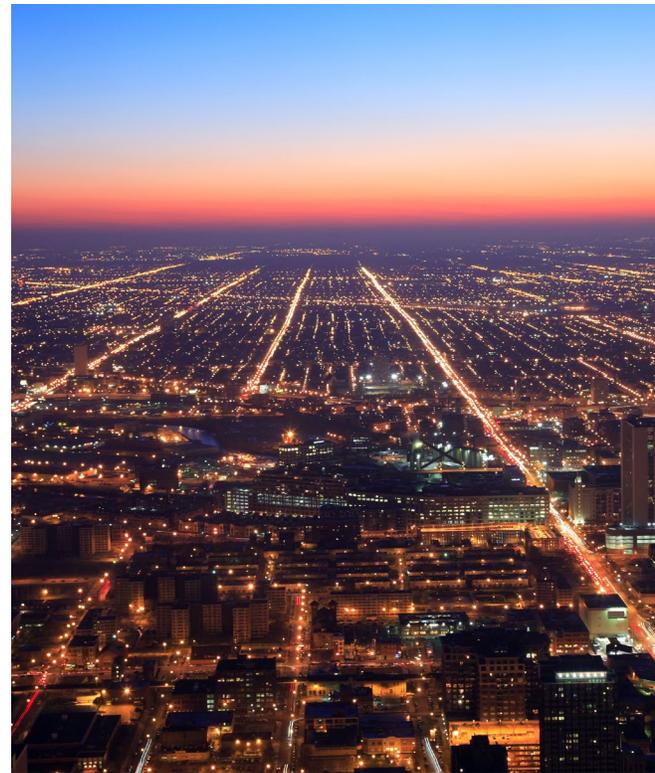
### Reporting

- Cable system information
- Testing equipment information
- Testing date and time
- Observations and abnormal testing results

The energy and utility team with UL Solutions has over 30 years of experience in MV cable systems, including cable and cable accessory design and manufacturing, new material research and development, cable system aging and failure mechanisms, and testing and diagnostic technologies. Our experts participate in the development of several testing standards while serving as leaders on international technical committees dedicated to MV cable systems. This expertise and thought leadership allows UL Solutions to provide customized, impartial and scientific based testing solutions for our customers' MV cable systems.

## Why UL Solutions

UL Solutions' long-standing history in certification and standards development makes us a trusted thought leader in the compliance arena. Global stakeholders leverage our expertise for research, knowledge and technical solutions to help address safety and performance and obtain information about on new technologies. Our global testing and certification services are widely accepted in North America, Latin America, Europe, Middle East and Asia Pacific for over 70 wire and cable categories.



To learn more, please [contact us](#) or visit [www.ul.com/mvcftp](http://www.ul.com/mvcftp).



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