

Foreword

This is a time in which the deployment of HV and EHV insulated cable systems is exhibiting significant growth and, most importantly, when serious consideration is being given to the adoption of such systems in a much greater variety of cases than in the past.

What this implies is that insulated cables are currently looked upon by users as an enabling network solution that can help them address effectively, rapidly and reliably a variety of complex problems, for example through the deployment of mixed overhead and underground lines, rather than, as was often the case in the past, a niche solution to be employed only when absolutely inevitable.

This trend, driven by environmental concerns which have made overhead lines less attractive, and facilitated by technological progress which has made insulated cables more competitive, requires an ongoing objective evaluation of the possibilities offered by modern cable and mixed systems.

Against this background this book represents a timely and useful contribution towards a better understanding of the factors that need to be taken into consideration when introducing insulated cable systems in the network.

The book's thorough coverage of many of the associated technical aspects, coupled with its analysis of the broader economic, environmental and social factors involved, will certainly be of great interest for cable system users, cable engineers and students of electrical engineering.

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