

TUTORIAL N°1

Methodologies for losses reduction

Background

CIRED Working Group CC-2015-2 on losses reduction, which produced its final report in November 2017.

Aim of the tutorial

Expose key points of CIRED WG methodologies for reducing both technical and non-technical losses, including concrete illustrations based on distribution companies experience and reflecting various contexts about losses issues.

Content

The tutorial will propose a pedagogical approach on losses reduction main issues, based on:

- *CIRED WG main results, which are structured in 5 sections: definition, measurement, technical losses, non-technical losses and regulation.*
- *Specific methods of losses reduction, reflecting various DSO contexts (developed / developing country, classical / smart meters) and operational methods (network management, field operation, datamining, energy balance...), as well as which methods are recommended depending on different scenarios.*
- *From the above, a practical guide to technical and non-technical loss reduction specific to a DSO's situation.*

Expected benefits

Participants will gain an improved understanding of:

Global methodology for technical and non-technical losses reduction as recommended by CIRED WG experts,

DSO best practices on losses reduction, especially concerning smart meter use and data management.

Who should attend

DSO managers from finance, network design or operation departments concerned by losses issues. Other electricity system stakeholders (including industrial, R&D actors...) who require a comprehensive and up-to-date overview of electric loss reduction methodologies.

Support material

A copy of all the presentation material used in the tutorial will be supplied to delegates (electronic version).

About the presenter(s)



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