Economic assessment of distribution network planning: a practical approach

Yannick Phulpin (EDF R&D)

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The presentation aims to provide a economic view on practical challenges in decision making for distribution network planning. Based on small-scale examples of medium voltage distribution networks working under normal operation conditions, it will first describe some of the constraints that distribution system operators will face in the forthcoming decades. Then, it will detail some of the potential solutions and propose models to assess their implications. Finally, the presentation will introduce a methodology to compare the potential solutions with respect to the associated costs and benefits.