

Challenges for Electricity Utilities in Europe



Étienne BRIÈRE

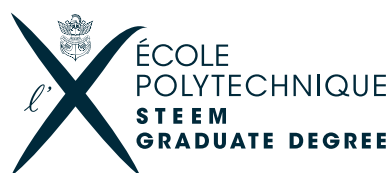
Directeur ENR, Stockage
et Environnement, EDF

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Amphi. Gay-Lussac
16h 00

Thanks to the experience of EDF, major European player in electricity, this conference illustrates key issues large power companies are facing in Europe, and in the world. Electricity systems have to deal with various main challenges as climate change, rapidly evolving market design of electricity, fast evolution of new technologies of energy, development of IT, ...

The consequences are significant for every field of activity of the electric utilities. On customer side, digitalisation of the relationship with customers, development of energy efficiency, of new uses of electricity and the increasing weight of the territorial and local approach have to be considered and introduce new ways to answer to the customers needs. On network side we have to consider distributed energy sources, impact of the variability of renewables energies as PV and wind and digitization customer relationship. On the production side, it is necessary to both maintain existing assets and develop renewable energy while improving their competitiveness. More than ever, innovation in both technology and on the business models is critical to successful transition Energy.



Conférence de l'Institut Coriolis pour l'Environnement de l'École polytechnique