



**Project:
Luxembourg – Belgium Interconnection**

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The project envisions the realization of an interconnection between Luxembourg and Belgium allowing to increase the transfer capability between LU, DE, BE and FR and contributing to the security of supply of both countries.

The interconnection is realized in two steps:

- On short-term (2016) a phase shift transformer is integrated and connected to existing overhead line via an additional cable between substation Bascharage (LU) and Biff, in order to control the transit flows from Germany through Luxembourg to Belgium
- On longer-term (2020) a solution with cables is under study envisioning a 1000 MVA path between Belgium and Luxembourg

In parallel a 1000 MVA reinforcement of the internal Luxembourg network is being constructed in order to create a loop around Luxembourg city, including substations for in feed in lower voltage levels.