Large Scale Offshore Wake Impact on the Danish Power System

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This poster gives an overview of the ongoing Danish ForskEL/EUDP project “OffshoreWake” (2017 - 2020). The focal point of this project is to develop a calculation system that adds the large scale offshore wind farm wake (WFW) to the power system. There are five components in this calculation system, as shown in FIG 1, with 0, 1 and 2 already existing. OffshoreWake adds components 3 and 4, namely the WFW and surface wave conditions.