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Controlling strategy composition of energy storage systems

Energy storage systems (ESSs) will play a key role in enabling the European Union to reach its decarbonization goals and improve energy efficiency. ESSs can provide a variety of application solutions along the entire value chain of the electrical system, from generation support to transmission and distribution support to end-customer uses. A quick overview of the main prospects will be shown. The focus of this work is the composition of a controlling strategy on a low voltage grid based on collected data from load flow simulations, real life environment measurements and experiences.