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18. abstract Within the University of Rostock project component of the OffWiPP project, grid-forming control for emulating conventional power plants by means of HVDC-connected offshore wind farms was investigated. The main focus was on different implementation options of grid-forming control for voltage-source converters. In addition, HVDC operational strategies were studied that enable onshore grid events to be passed through to the offshore wind turbines. The objective is to utilize the rotational energy of the offshore wind turbines to provide onshore ancillary services.			
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