WIND ENERGY GENERATION UNITS AND RELATED CONSEQUENCES ON THE GRID - A SHORT SURVEY

R. E. Hanitsch and M. S. Widyan

Abstract

This paper presents an overview of the ongoing activities related to offshore wind farms in the North-Sea and Baltic-Sea in Germany. Information on the special legislation is provided and the problems of large wind power generators and the grid integration are discussed as similar problems might occur in arid and semi-arid zones.