Project Description

Lecturer: Andrey Nikishin

University/Company: Kaliningrad State Technical University

Country: Russland

Wind Energy - Problems and Solutions for the Modern Electrical Energy System.

Content:
Traditional electrical energy production industry, modern wind power production technology. Influence of big amount of wind energy on energy system operation and control. Solutions for increase of wind power production in the system.

Methods: Lectures, workshops

Competences and skills to be acquired:
Enable students to collect, review and analyse materials on wind energy market and technology.
Students get basic knowledge of the scientific and technological aspects of electrical energy production with modern wind turbines.
Students learn pros and cons for the wind energy as a part of the modern energy system.

Prerequisite: The course presupposes a basic knowledge on electro-technics

Language of instruction: English

Suitable studies: EÖS, RET, AEE