Module name	**Applied Power System Economics**
Module number	CMS-TRK APSE
Senior Lecturer	Prof. Dr. Dominik MöSt dominik.moest@tu-dresden.de
Qualification objectives	Students are familiar with the basics and methods of the economic theory of the electricity sector. They are able to analyse the electricity sector from an economic perspective.
Contents	The module covers model-based analysis of liberalised electricity systems, modelling and analysis of interactions between the regulatory and market framework of electricity markets, and operational and investment decisions of power plant operators in liberalised electricity systems.
Forms of teaching and learning	The module includes 4 SWS projects and self-study. The teaching language of the projects can be German or English and will be specifically determined by the teacher at the beginning of each semester and communicated in the usual way.
Eligibility for participation	No knowledge is required.
Usability	In the Masters Course Computational Modeling and Simulation, the module is a compulsory module in Track Computational Modeling in Energy Economics. The module provides the pre-requisites for the modules it designates under the pre-requisites for participation.
Conditions for the award of credits	Credits are awarded when the module test is passed. The module test consists of a portfolio of 60 hours. The language of the test will be English.
Credits and marks	The module allows 5 credit points to be obtained. The module score corresponds to the test performance score.
Frequency of the module	The module is offered every winter semester.
Workload	The total workload is 150 hours.
Duration of the module	The module covers 1 semester.