Rubric for grading Course Project

DTU Course 46770: Integrated Energy Grids

May 2025

1 point	Proper discussion of optimal capacity/generation mix including plots for the dispatch for one week in summer and winter, annual electricity mix and duration curves.
1 point	Proper discussion of the optimum capacity mix vs global CO2 constraint.
1 point	Proper discussion on interannual sensitivity including plots for average capacities (obtained for different weather years) and interannual variability. (0.5 points if average and variability are calculated + 0.5 points if the reasoning of differences among technologies is provided)
1 point	Proper discussion on storage technologies and how they modify the optimal capacity mix.
1 point	0.5 points for calculation of CO_2 price and reporting on currently existing CO_2 price + 0.5 points for the comparision between them and reasoning
1.5 points	0.5 points for the description of the interconnection approach selected + 0.5 points for the model implementation + 0.5 points for reasoning on the impacts of the interconnected model compared to a single node.
1.5 points	0.5 points for the description of the sector-coupling approach selected + 0.5 points for the model implementation + 0.5 points for reasoning on the impacts of the sector-coupled model compared to the single node.
1 point	0.5 points for the research question identified + 0.5 points for a description of the modelling approach to investigate it.
1 point	The text is clear and well structured, figures can be easily read and include proper captions and units.