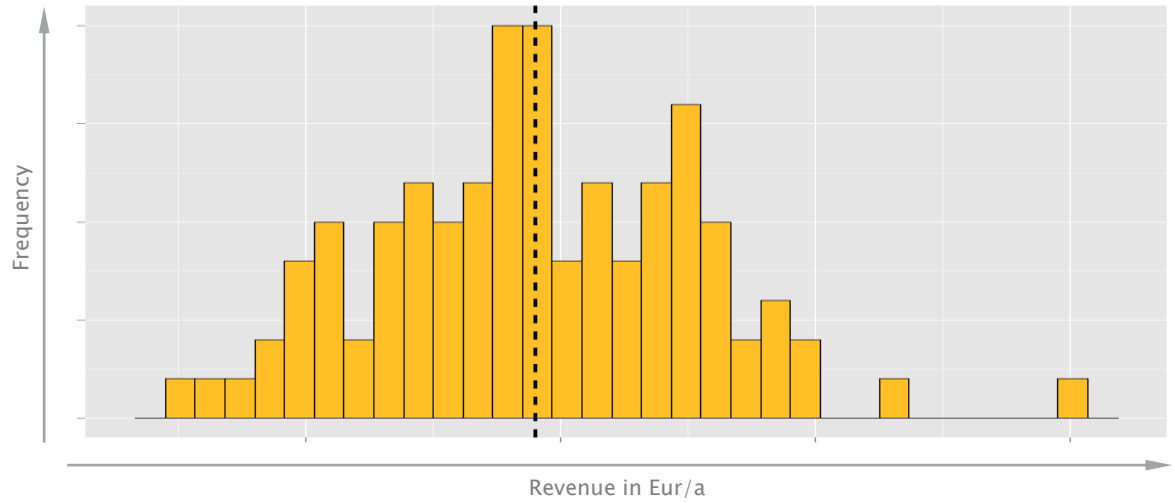
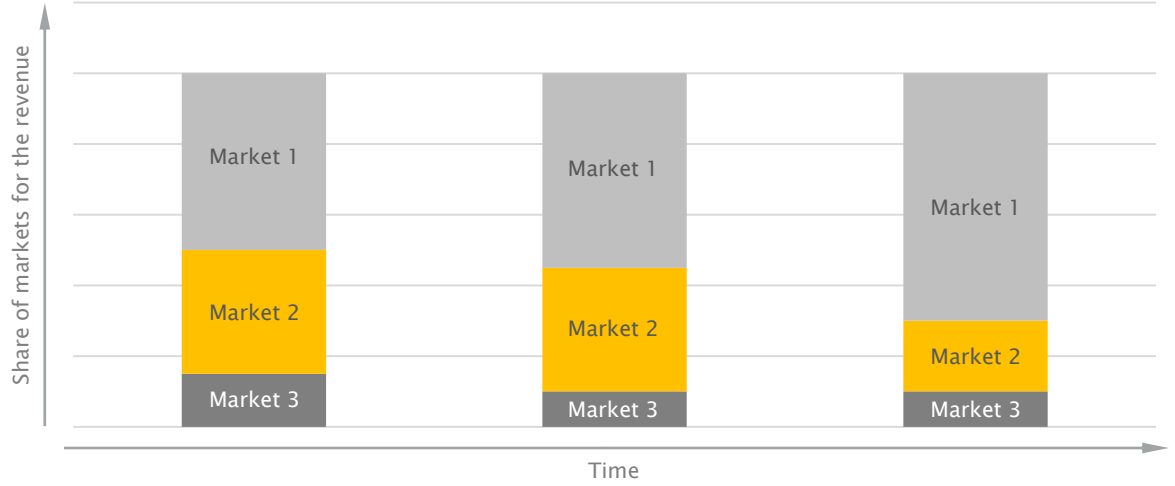


(a) Possible revenues are mainly around the expectation value. The width of the distribution allows to quantify the revenue risk.



(b) The composition of revenues changes over time. The reason are structural changes in the electricity market.

Stochastic revenue evaluation of power plants

Analysis of the short-term to medium-term revenue potential of power plants in the day-ahead, intraday and balancing reserve markets by using stochastic modelling.

- Fundamental modelling of the German electricity market
- Simulation of revenue uncertainties using Monte-Carlo simulations
- Analysis of basic influential factors, e.g. power plant fleet development

Frequency distributions of revenues allow a risk assessment of varying structural developments in the electricity market.