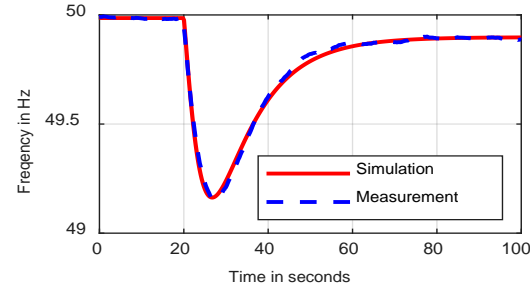
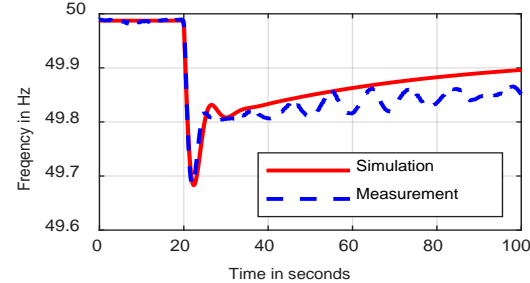


Grid Restoration and Islanded Operation

Grid restoration after a major blackout is a challenging task for grid operators and power plant operators. The institute for Electrical Power Systems is supporting tests in real systems in Austria. Besides measurements of power and frequency, detailed dynamic simulation models of the system were prepared and the results compared with measurement.



Frequency control with nozzle



Frequency control with deflector

Comparison of measurement and simulation of frequency during islanded operation

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