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Vortragsankündigung

Seminar Regelungssysteme LV 0430L654

Montag, 15. Juni 2015, 16:00 Uhr
Vortragsort: EN 223

Dr. Ulrich Münz
Siemens Corporate Technology, Munich, Germany

“New Methods for Power System Control”

The increasing integration of distributed and renewable power generators into existing power grids poses new challenges to power system management, control, and protection. In this presentation, new methods for power system control are presented that address some of these challenges. First, analytical conditions for the stability reserve of different power systems are derived based on simplified dynamic power system models. Furthermore, a secondary reserve optimization based on predictive contingency analysis is introduced.