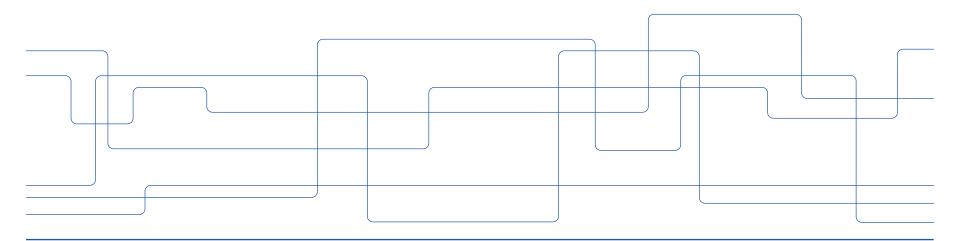


Power system stability assessment based on PMU-data

Mehrdad Ghandhari, Professor

School of Electrical Engineering and Computer Science

Division of Electric Power and Energy Systems





Ongoing projects

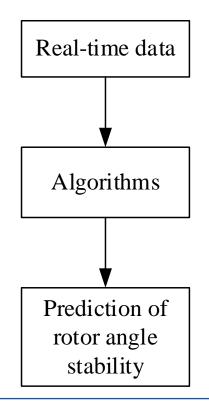
Based on PMU-data,

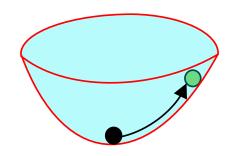
- to monitor and assess rotor angle stability,
- to identify resonances due to forced oscillations and their sources,
- (and appropriate control strategies) to improve power system stability.

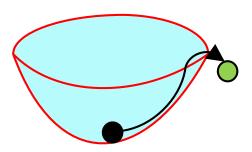




Monitoring and assessment of rotor angle stability



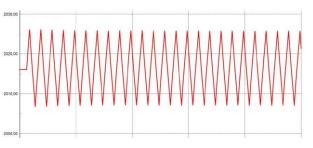


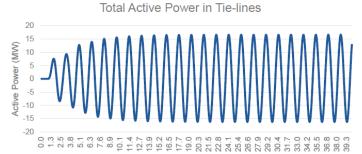




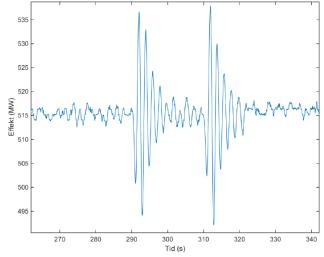


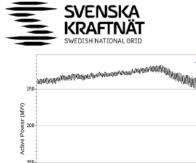
Resonance





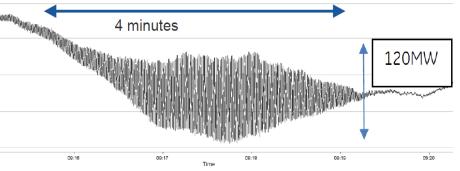






09:15

09:14





Control

