

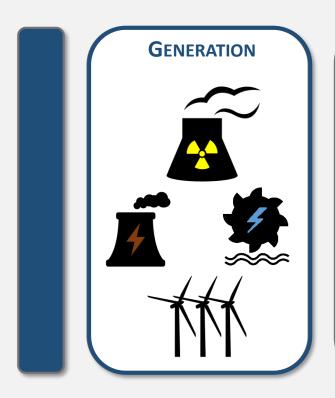
Electrical Grids Protection

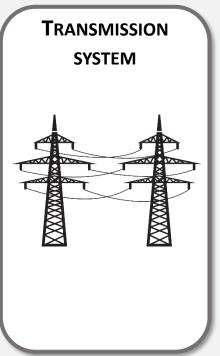
URBAN RUDEŽ, PHD

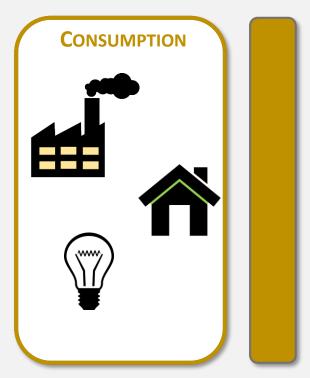
urban.rudez@fe.uni-lj.si

University of Ljubljana Faculty of Electrical Engineering Laboratory of Electric Power Supply

What is it all about?







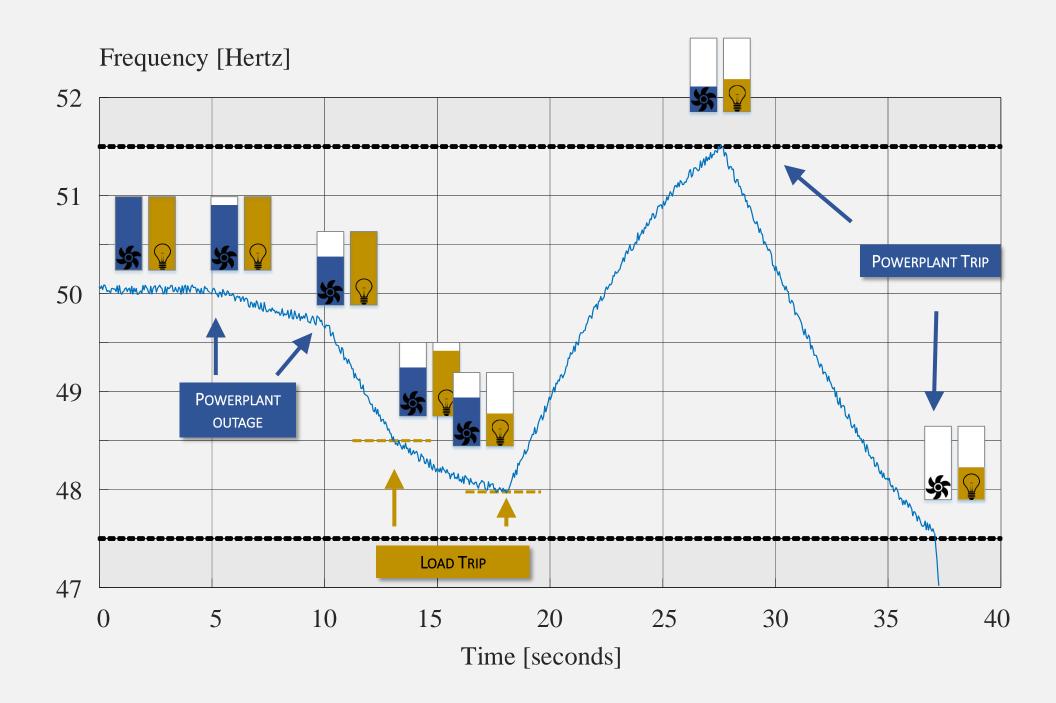
ROTATING SPEED



ELECTRICAL FREQUENCY

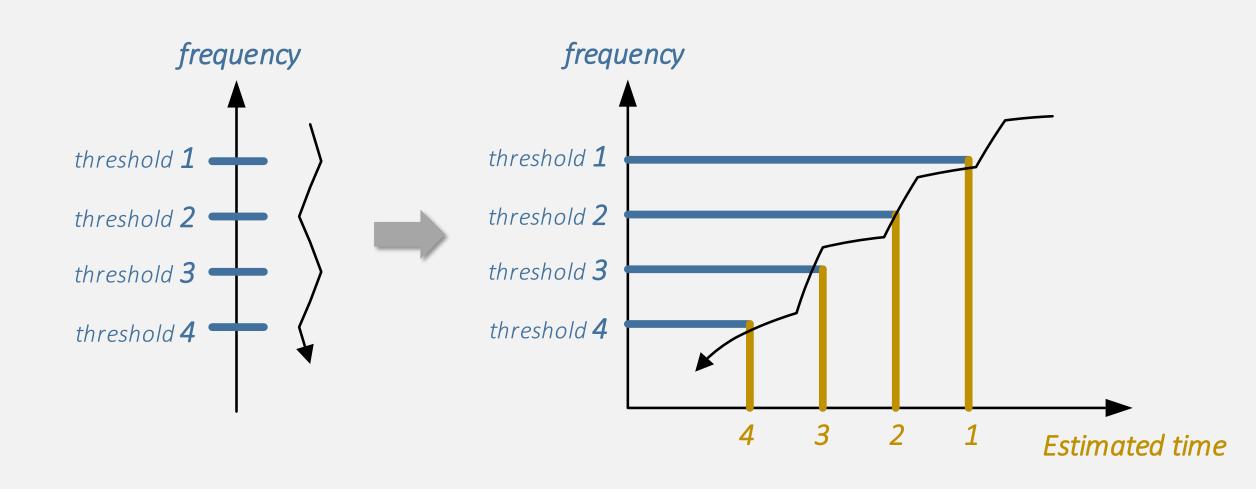






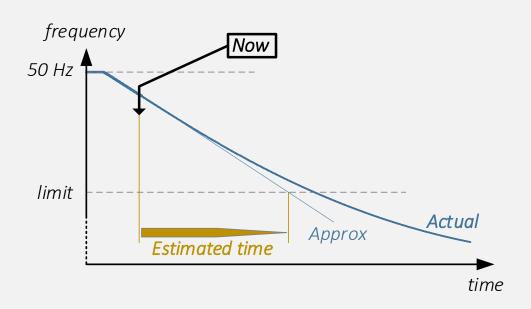
BLACKOUT

A step towards solution

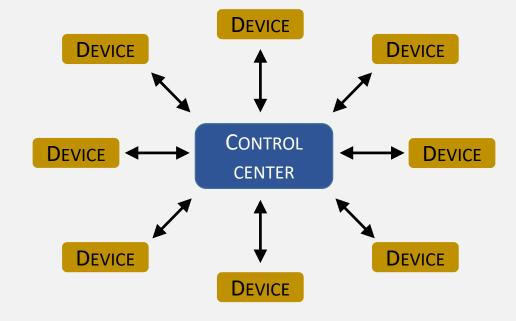


Competitive advantage

No retrospective actions



No centralization



The target users & beneficiaries

Protection-device manufacturers

- supplemental functionality of devices
- become early developer of such functionality

System operators

- benefitting from final use
- increasing reliability of the electrical system

What are we looking for?

Licensing of patent rights

• Our role as power-system dynamics consultants



Keep your lights on!