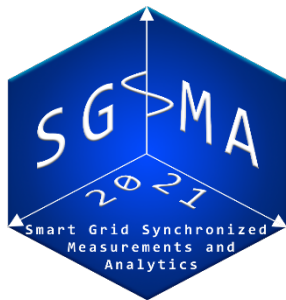


Panel 3

Synchrophasor and Monitoring data handling: A perspective of ongoing TSOs approaches

Chair: Rafael Segundo

Zurich University of Applied Sciences, Switzerland



IEEE SGSMA 2021



International Conference on Smart Grid Synchronized Measurements and Analytics –
SGSMA 2021, May 25th - 27th 2021

Motivation

- Energy transitions towards more sustainable societies
- Systems evolving and utilities facing new challenges
- Need of advanced metering infrastructure, monitoring systems and high frequency synchronized devices.
- Power systems are unique and data handling processes is not necessarily the same.
- Debate about how current data handling practices could be improved.



IEEE PES Subcommittee on Big Data & Analytics for Power Systems

Task Force: Application of Big Data Analytic on Transmission System Dynamic Security Assessment

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• Emilio Barocio [Secretary]	University of Guadalajara	Mexico
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• Rusejla Sadikovic	Swissgrid	Switzerland
• Mats Larsson	ABB Corporate Research	Switzerland
• Hector Chavez	University of Santiago de Chile	Chile



[Link to website](#)

First technical report

Document front page

IEEE Task Force Report, February 2021

“A survey of transmission utilities worldwide-on their state-of-the-art data collection and analytics, and future needs to account for the continuous growth of sensing data in control rooms”

Prepared by
 The Task Force on Application of Big Data Analytic on
 Transmission System Dynamic Security Assessment

Officers:
 Chair: Rafael Segundo
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