HITACHI
Inspire the Next

A primer for subsynchronous oscillations

OBJECTIVE

- Gain a general understanding of the various types of subsynchronous oscillation (SSO) phenomena and their causes
- Gain an overview of the studies required to identify the potential risks of SSO
- Review potential mitigation and protection measures for SSO.

AUDIENCE

Individuals who work for developers, electric utilities and transmission system operating companies or system operators who need to understand subsynchronous risks and the potential impacts to equipment or plant design and points of interconnection.

CONTENT

History of SSO

SSO phenomena and their causes

- Induction Generator Effect and Subsynchronous Control Interaction (SSCI)
- Torsional interaction due to series capacitors and active devices such as HVDC stations, SVCs or STATCOMs
- Torque amplifications

Impacts of POI selection

SSO studies

Potential mitigation and protection options

LIVE ONLINE TRAINING
Duration: 2 hours
Dates:
May 11th 2023
Price: 100 €
More information and registration here:
https://bit.ly/HitachiGridAcademy

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