



Subsynchronous oscillations phenomena, studies and mitigation



OBJECTIVE

- Understand of the various types of subsynchronous oscillation (SSO) phenomena
- Understand the role of electrical machines and the power grid in SSO
- Understand the studies required to identify the potential risks of SSO and how to interpret their results
- 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

- An Overview of SSO and its history
- The underlying concepts of SSO phenomena
- Electrical machines and characteristics associated with SSO
- Mechanical aspects of machines associated with SSO
- The Electrical grid's contribution to SSO
- In depth discussion of SSO phenomena
- Mitigation and protection for SSO
- SSO studies and modeling aspects

LIVE ONLINE TRAINING

Duration: 16 hours

Dates:

September 5th – 8th 2023

Price: 600 €

More information and registration here:

<https://bit.ly/HitachiGridAcademy>