

UConn IEEE PELS & PES Chapter

Presents a virtual talk on

High Power Electronics - HVDC Lines and FACTS Devices (SVC/STATCOM)

The theory and application of semiconductor devices and systems to the control of high-voltage DC and AC transmission and distribution systems to achieve their urgently needed much higher performance; HVDC Transmission Systems (overhead, underground and submerged) and their comparison to HVAC systems; Flexible AC Transmission Systems (FACTS) devices such as the Static Var Compensator, STATCOM, and Synchronous Series Static Compensator; use of these devices in the, so-called, smart grid.



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Supervisor Transmission Substation Services, FirstEnergy Corporation.
Adjunct Professor, Cleveland State University.



When: 4-5PM, April 7th, 2023

Online link:

<https://tinyurl.com/2md23n5s>