

EME International Seminar Series



Challenges in Power System Operations

Sekyung Han

Associate Professor

Department of Electrical Engineering
Kyungpook National University, Korea

Abstract:

This seminar covers the basic scheme of the power system operation. Instead of going into the details of each operation method, general concepts of each scheme are introduced along with several important technologies utilized for the operation. In addition, the recent challenges of the power system caused by the penetration of renewable and/or distributed energy resources are discussed as well.

Bio:

SEKYUNG HAN (Member, IEEE) received the B.Sc. degree in Electrical Engineering and Computer Science from Hanyang University, Seoul, South Korea, in 2002, the M.S. degree from the School of Electrical Engineering and Computer Science, Seoul National University (SNU), Seoul, in 2007, and the Ph.D. degree in Information Science from The University of Tokyo, Japan, in 2012. He is currently an Associate Professor with Kyungpook National University. His research interests include smart grid, vehicle-to-grid (V2G) control in conjunction with the introduction of renewable energy sources. He has also expertise in the modeling of the battery with data driven methods.

Monday, 5 July 2021 16:00 – 17:00 (JST)

Online (Microsoft Teams, Team code: z2y60pz)