

# Novel Hierarchical Transactive Energy Management System Incorporating Predictive Assessment Techniques for Enhanced Community Market Participation

-A short course jointly organized by School of Electrical and Electronic Engineering, NTU and IEEE Singapore Section-  
29 Apr 2019 (Monday)

## Information on Demonstration Sequence

**Station 1:** Hardware in Loop (HIL)

**Station 2:** Load Frequency Control (LFC)

**Station 3:** Flexible Power Quality Conditioner (FPQC)

**Station 4:** Multiport Three-level Cascaded Converter (MTLCC)



The demo at each station and Q&A will take approximately 30~35mins.

### Demo Sequence:

**Green Group :** Station 1 -> Station 2 -> Station 3 -> Station 4

**Red Group :** Station 2 -> Station 1 -> Station 4 -> Station 3