

電機系 DEPARTMENT OF ELECTRICAL ENGINEERING

Power System Laboratory

● Lab Feature

- ✓ Power System Lab focuses on integrated resource planning, real-time system monitoring, and cooperation of transmission and distribution networks resources to enhance operational flexibility and resilience.

● Research Topics

- Use of distributed energy resources to support critical load restoration and black start
- Measurement data fusion for distribution system state estimation
- Renewable energy integration
- Integrated resource planning

● Projects

- A study on distribution system flexibility and resilience (MOST)
- A study on the use of distributed energy resources to support power system black start (MOST)
- Aggregation and applications of flexible resources in distribution network (III)

