

Project name: Research on key technologies for regulating flexible resources considering the deep integration of power-communication networks

Project type: R&D project in Macao

Funds: 1.53 m MOP

Contract period: 2023.1-2025.12

Project role: Co-Principal Investigator

Main duties:

Develop a standardized modeling technique for heterogeneous flexible resources with cross-domain information exchange; Develop coordinated optimization method for power-communication networks considering the participation of flexible resources; Develop real-time control method for flexible resources considering the complicated communication conditions; validation using hardware in the loop.

Attachments:

Research framework (in Chinese)

