

# 智慧電網政策推動與應用研究計畫

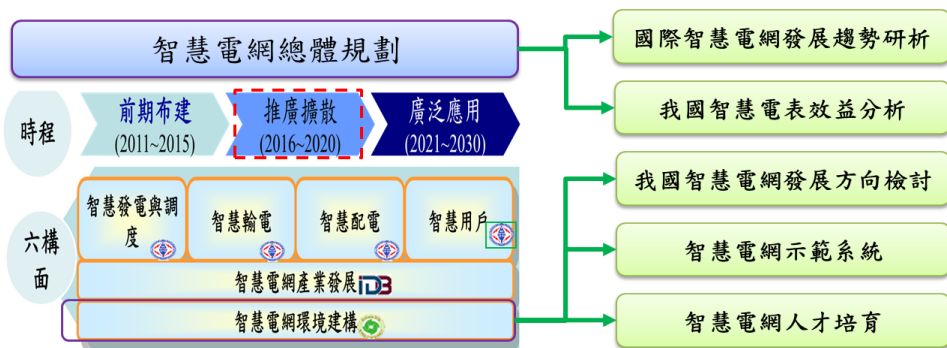
執行單位

工業技術研究院

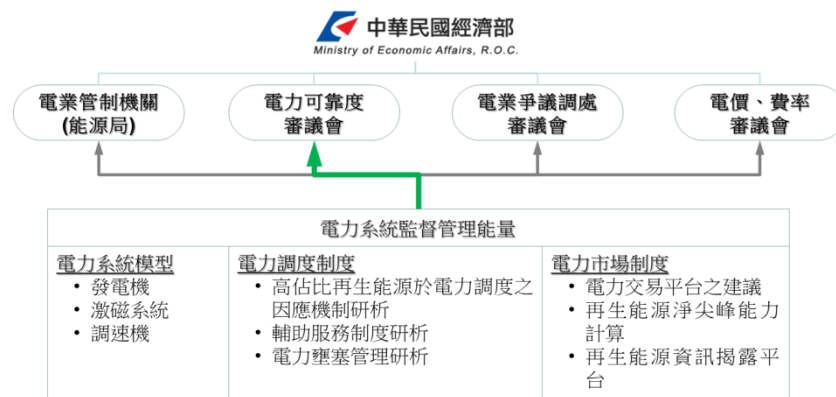
計畫主持人

梁佩芳

- 本計畫旨在要協助我國「智慧電網總體規劃方案」及「電業法修正案」之工作推動，並開發虛擬電廠調度控制及智慧電表大數據分析等技術，並蒐集國外智慧電網相關現況、建立電力調度與市場供需運作之機制、維護新型智慧型電表系統及與澎湖智慧電網示範系統等，以符合國家節能減碳、智慧電網建設、能源轉型所需。



圖一：智慧電網總體規劃方案推動架構



圖二：協助電業管制機關與電力可靠度審議會運作

# Policy Promotion And Application Study of Smart Grid

Execution Unit

Industrial Technology Research Institute

Project Director

Division Director, Pei-Fang Liang

- This project aimed to support the 「Smart grid master plan」 and 「electricity amendment act」 as well as the technology development, such as virtual power plant and AMI Big Data Analysis . It will update the status of global smart grid development, build up the draft of power dispatch and market operation of the electricity system, promote new smart meter and maintain the smart grid exhibition systems to meet the needs of energy saving and carbon reduction, smart grid development, and energy transformation.



Figure 1: the promotion architecture of Smart grid master plan

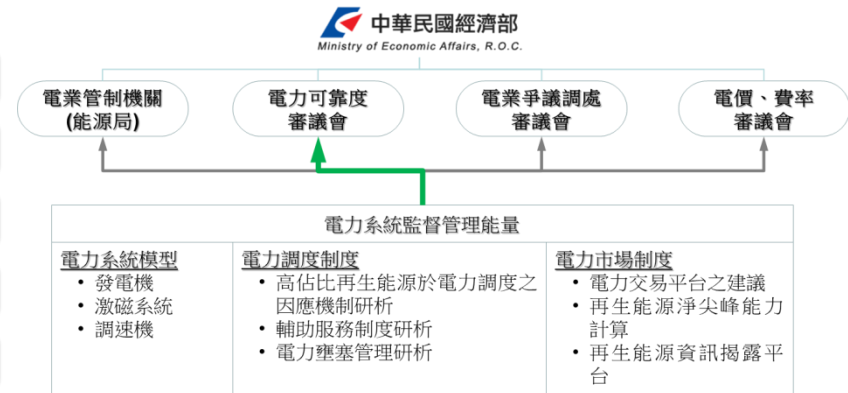


Figure 2: support the operation of Electricity Industry Regulatory Authority and Electric Reliability Review Council