

## Special Issue

# Key Relay Protection Technologies Applicable to Modern Sustainable Power Systems

### Message from the Guest Editors

With the sustainable construction and changes in the form of modern sustainable power systems, and the increasing complexity of source, grid, and load characteristics in the system, relay protection in modern sustainable power systems is facing new challenges, such as 1) The complexity of the fault characteristic mechanism of modern sustainable power systems. 2) The reliability and sensitivity of protection principle in modern sustainable power systems are insufficient. 3) The existing protection technologies have not fully considered the fault control characteristics of modern sustainable power systems. 4) The research on artificial intelligence and advanced algorithms in modern sustainable power system relay protection technology lacks depth. 5) The performance of fault location and fault recovery in modern sustainable power systems needs to be further improved. Therefore, relay protection is the core and key technology that should be broken through in the modern sustainable power systems. We look forward to receiving your contributions regarding the topic of relay protection.

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### Guest Editors

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