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Editor-in-Chief

Prof. Shouu-Jinn Chang
Prof. Chien-Hung Liu

Message from the Editor-in-Chief

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Special Issue

Inventions and Innovation in Integration of Renewable Energy Systems

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manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

Increasing penetration of renewable energy sources, such as photovoltaics and wind power generation, raises concerns regarding their impacts on a power system. Although wind and solar power generation can reduce peak load demand in a distribution circuit, these renewable energy sources may cause power quality and protection issues in a circuit, such as voltage regulation, flicker, short-circuit current contribution, and protection coordination. Additional equipment, such as capacitor banks, voltage regulators, static var compensators (SVCs), static synchronous compensators (STATCOMs), and energy storage systems, may be required to provide enhanced voltage regulation. New protection schemes may be developed to mitigate protection issues.

Prof. Dr. Surya Santoso

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Guest Editors

| Special Issue website: mdp.com/si/7403