



DC Systems

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Message from the Guest Editors

Dear Colleagues,

DC systems facilitate the integration of renewable energy (e.g., solar, wind), co-generation power sources, different loads and energy storage systems with improved power reliability and efficiency. DC distribution power systems with intelligent ICTs have great potential to create more flexibility in managing local demand and generation, as well as stimulating consumers to actively participate in the electricity market. Papers are solicited especially on the following topics regarding DC systems:

- DC microgrids for transportation electrification
- Powering residential, commercial, and industrial spaces
- DC distribution grids and DC flexible links
- Integration of distributed energy resources and storage systems
- DC protection and safety
- Power control and routing
- Energy exchange and ancillary services
- DC-powered equipment and appliances
- DC-powered PHEV/EV interconnections of EV with DC microgrids
- Components and devices for DC systems

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Guest Editors



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Message from the Editor-in-Chief

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