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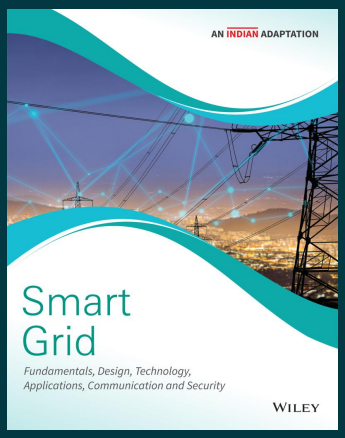

Smart Grid: Fundamentals, Design, Technology, Applications, Communication and Security, An Indian Adaptation

By Janaka Ekanayake, Kithsiri Liyanage, Jianzhong Wu, Akihiko Yokoyama, Nick Jenkins, Lars T. Berger, Krzysztof Iniewski, James Momoh

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Description

Electric power systems worldwide are facing a radical change stimulated by the pressing need to de-carbonise electricity supply, replace ageing assets, and make effective use of the rapidly developing Information and Communication Technologies for better monitoring and control of power grids. In conventional grids, participation of the consumer in grid operation and control is almost nil. However, this has changed with the advent of fast communication technology and smart metering techniques, which permit consumers to participate in grid operation.

About the Author

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