



Power and Energy Series 29

High Voltage Direct Current Transmission

2nd Edition

Jos Arrillaga

For sale in the Indian subcontinent only

High Voltage Direct Current Transmission

Jos Arrillaga

Rpt. 2017

9780852969410

299 pp

HB

₹ 1895.00

Describes a variety of reasons justifying the use of DC transmission as well as the basic concepts and techniques involved in the AC-DC and DC-AC conversion processes. This expanded edition of the book includes the main technical advances of the past 15 years and describes the new concepts which, no doubt, will help to make HVDC even more competitive in the new millennium.

About the Author

Jos Arrillaga received the PhD and DSc degrees in 1966 and 1980, respectively, from UMIST, Manchester, UK, where he led the Power Systems Group between 1970 and 1974. Since 1975, he has been a Professor of Electrical Engineering at the University of Canterbury, New Zealand. He is the author of five other books, several book chapters and about 300 other publications. He is a Fellow of the IET, the IEEE and the Academy of Sciences and Royal Society of New Zealand. He was the recipient of the 1997 Uno Lamm medal for his contributions to HVDC transmission.

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10. DC versus AC transmissions,
11. New concepts in HVDC converters and systems.

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