



Long Overhead Electric Power Transmission Line Design With HVDC System

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | During the 1990s new HVDC Voltage Source Converters, VSC, and new HVDC cables with solid insulation have been developed and the relative cost for the converters has been steadily decreasing. Although the transmission and distribution of electrical power will be preferably made with conventional AC technique, but HVDC transmission would offer special advantages for long transmission cable systems. The Author has designed a Voltage Source Converters, VSC, based long overhead transmission line from Khulna to Narsinghdi district. The Author would like to make a compromise between expensive HVDC and comparatively inefficient 3-phase AC Transmission. Instance of HVDC, terminal equipment design is very expensive and sophisticated and complex. On the other instance, for 3-phase AC transmission considerable demerits arises. However, 3-phase High Voltage (230KV) AC transmission have been existed and have been operating for few decades. So, HVDC is a certainly new considerations for transmitting a bulk amount of electric power. Moreover, HVDC has several considerable advantages over AC and HVDC has future prospects for recent development in Electric Power Sector of Bangladesh. | Format: Paperback | Language/Sprache: english | 100 pp.



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