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Gas Insulated Substations is an all-inclusive reference guide to gas insulated substations (GIS) which takes account of its basic principles, technology, application, design specification, testing and ownership issues. Practical and theoretical aspects are handled by acknowledged GIS experts who have been involved with the technology from the start. They provide the reader with the knowledge needed to identify a project with GIS, manage the GIS process and then assemble and later maintain that system. This learning resource offers engineering students and manufacturing professionals a sound insight into this important technology at a time when application of GIS is spreading as fresh projects are being launched and more companies are becoming involved. Key features: . Written by leading GIS experts who have been involved in the development of the technology since its invention. Discusses both the practical and theoretical aspects of GIS. Details advanced and basic material, accessible for both existing GIS users and those planning to implement the technology. Chapters are written as tutorials and provide helpful references for further reading and study. Invaluable guide to practicing electrical, mechanical and civil engineers as well as third and fourth year electric power engineering students.

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