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The modernization of industrial power systems has been stifled by industry's acceptance of extremely outdated practices. Industry is hesitant to depart from power system design practices influenced by the economic concerns and technology of the post World War II period. In order to break free of outdated techniques and ensure product quality and continuity of operations, engineers must apply novel techniques to plan, design, and implement electrical power systems.

Based on the author's 40 years of experience in Industry, Industrial Power Systems illustrates the importance of reliable power systems and provides engineers the tools to plan, design, and implement one. Using materials from IEEE courses developed for practicing engineers, the book covers relevant engineering features and modern design procedures, including power system studies, grounding, instrument transformers, and medium-voltage motors. The author provides a number of practical tables, including IEEE and European standards, and design principles for industrial applications.

Long overdue, Industrial Power Systems provides power engineers with a blueprint for designing electrical systems that will provide continuously available electric power at the quality and quantity needed to maintain operations and standards of production.