

Hydroelectric Power Collection: PDFs on CD-ROM

This economical CD-ROM presents the basic collection of IEEE Standards sponsored by the Hydroelectric Power Subcommittee of the IEEE Power Engineering Society's Energy Development & Power Generation Committee. It also includes a brief Foreword by the IEEE Hydroelectric Power Subcommittee describing the intent and application of the standards collection, as well as a Bibliography of recommended reference papers.

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- IEEE Std 125-1988, IEEE Recommended Practice for Preparation of Equipment Specifications for Speed-Governing of Hydraulic Turbines Intended to Drive Electric Generators
- IEEE Std 492-1999, IEEE Guide for Operation and Maintenance of Hydro-Generators
- IEEE Std 666-2007, IEEE Design Guide for Electric Power Service Systems for Generating Stations
- IEEE Std 810-1987, IEEE Standard for Hydraulic Turbine and Generator Integrally Forged Shaft Couplings and Shaft Runout Tolerances
- IEEE Std 1010-1987, IEEE Guide for Control of Hydroelectric Power Plants
- IEEE Std 1010-2006, IEEE Guide for Control of Hydroelectric Power Plants
- IEEE Std 1020-1988, IEEE Guide for Control of Small Hydroelectric Power Plants
- IEEE Std 1095-1989, IEEE Guide for Installation of Vertical Generators and Generator/Motors for Hydroelectric Applications
- IEEE Std 1147-1991, IEEE Guide for the Rehabilitation of Hydroelectric Power Plants
- IEEE Std 1147-2005, IEEE Guide for the Rehabilitation of Hydroelectric Power Plants
- IEEE Std 1207-2004, IEEE Guide for the Application of Turbine Governing Systems for Hydroelectric Generating Units
- IEEE Std 1248-1998, IEEE Guide for the Commissioning of Electrical Systems in Hydroelectric Power Plants
- IEEE Std 1249-1996, IEEE Guide for Computer-Based Control for Hydroelectric Power Plant Automation
- LEHOCZKY: Waved Core Lamination Techniques on Large and Bulb Hydroelectric Machinery
- PAUL, KERMIT: Design features of the Helms pumped storage project
- EILTS & SCHLEIF: Governing Features and Performance of the First 600 MW Hydrogenerating Unit at Grand Coulee
- GURNEY: Control and Protection Design of the Revelstoke Hydroelectric Project
- DE MORAES, RODRIGUEZ VILLALBA & SALATKO: Electrical and Related Design Aspects of ITAIPU Hydroelectric Project (Brazil and Paraguay)
- MOORE: Experience with Large Hydro-Generators at Grand Coulee

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- HANDEL: Electrical Design of the Revelstoke Hydroelectric Project
- DE MORAES, RODRIGUEZ VILLALBA & SALATKO: Selection of Design Features for 737 and 823 MVA Hydrogenerators for ITAIPU Hydroelectric Project (Brazil and Paraguay)

Bonus Feature:

- Bibliography of Recommended IEEE Hydroelectric Papers