



CIGRE-EPFL Colloquium on Large Electrical Machines

List of contributions

TOPIC	Nat	Contribution	Presenter
Design Methods	JP	Calculation of Temperature in Large Turbine Generator with Multilayer Roebel Transposition Coils	K. Hattori
	DE	Application of Computational Fluid Dynamics (CFD) on Ventilation-Cooling Optimization of Electrical Machines	R. Arlitt
New developments	US	Results of On-Grid Operation of Superconductor Dynamic Synchronous Condenser	S. Kalsi
	CN	Test Study for Bi-directional Thrust Bearing	Chi Su
	US	Conesville 6 Generator Stator Core Replacement using Bonded Core Packs	J.A. Cook
	CH	Highlights of a Superconducting Generator Study	R. Joho
System aspects	CR	Oscillations in Bulb Type Hydropower Unit	Z. Maljkovic
O&M	CA	Case Studies of Fiber Optic Accelerometer used for End-winding Vibration Monitoring on Turbo-generators	M. Cloutier
	JP	Fretting Fatigue of Slot-dovetails in Turbo-generator Rotor	H. Ito
	CA	Use of Distributed Temperature Measurements to Explain a Generator Winding Failure	C. Hudon
Poster Session	CH	HydroFEA: A Dedicated Interface for the Finite Element Modelling of Large Hydrogenerators	D. Taghezout
	TH	Generator Rotor Repair Following Thermal Sensitivity Problem	T. Daorote
	RO	Technical Settlements for Connection to the Romanian Electric Transport Network of the Electric Energy Producers	D. Zlatanovici
	RO	The Calculus of the Electric Currents through the Full Elementary Conductors of the Roebel Bar	I. Torac
	KR	Technologies and Cost Evaluation of Condition Monitoring and Diagnosis System under Distributed Power Generation System	Y.-J. Kim
	CH	HTC-Insulation for Turbo Generators	R. Bruetsch
	MZ	Up-rating and Refurbishment Generators in Tikvesh and Vrben HPP in Macedonia	Z. Milojkovic
	DE	Utilization of 540° Transposition in Stator Winding of Hydro Generators	T. Hildinger
	DE	Integrated System of Engineering Tools for Mechanical Design of Hydro Generators with CAD-3D Applications	B. Müller
	FR	Turbo-generators for Nuclear Plants: Design and Maintenance Improvements based on a Wide Feed-back of Experience	J. Ricoux
	CH	Evolution of Pump Storage Technology	A. Schwery
CH	PD Monitoring Systems for Improving Your Plant Performance	C.-E. Stephan	