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Reference: **COLL\_MON\_2006**

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Type:

**Colloquia**

Title:

**Colloquium - Montreal 2006**

## Abstracts

- **2006-1** – WindFREEM Reactive Power for Wind-Turbine Generators
- **2006-2** – Offshore Wind Farm Integration Using FACTS and HVDC Solutions
- **2006-3** - Hydro-Québec Grid Code for Wind Plant Interconnection
- **2006-4** - Wind Interconnection in Manitoba
- **2006-5** – Wind Farm System Protection and Stability Using Peer to Peer Communications
- **2006-6** - Southwest Development Project – Expansion of the Alberta Transmission System to Enable Interconnection of Wind Generation
- **2006-7** – Wind Power Impact on Load Following and Day Ahead Unit Commitment Costs in the Maritimes Area
- **2006-9** – Developing Emission Limits for the Connection of Disturbing Installations to Power Systems
- **2006-10** - InfiniBand-Based Real-Time Simulation of HVDC, STATCOM, and SVC Devices with Commercial-Off-The-Shelf PCs and FPGAs
- **2006-11** - Assessment of Short Circuit Level and TRV Impact on Existing Substation due to the New Addition of a Wind Farm
- **2006-12** - Variable Slip Wind Generator Modeling for Real-Time Simulation
- **2006-13** - Extracting Features for Power System Vulnerability Assessment from Wide-Area Measurements
- **2006-20** - Voltage Flicker Model of Wind Turbine Generators due to Wind Shear and Tower Shadow
- **2006-21** - Assessment of Modeling Techniques for Obtaining Hourly-Resolution Wind Plant Output for Future Wind Integration Impact Studies
- **2006-22** - HVDC with Voltage Source Converters and Extruded Cables for up to  $\pm 300$  kV and 1000 MW
- **2006-23** - New Simulation Method for the Study of Subsynchronous Resonance (SSR) in Variable Speed Wind Turbines

- **2006-26** – C7T Reclassification System Cuts Costs of Grid Metering
- **2006-28** - The Impact of High Penetration of Wind Energy on the Vulnerability of Power Systems
- **2006-29** - Overview of research in Atmospheric Icing of Power Network Equipment at Université du Québec à Chicoutimi (UQAC)
- **2006-30** - Trends in Hydro Generator on-line Partial Discharge Data to Assess the Condition of Stator Winding Insulation
- **2006-31** – Research Activities at the Hydro-Québec TransÉnergie Chair on Simulation and Control of Power Systems
- **2006-32** - R&D Programs at UNB Sustainable Power Research Group
- **2006-37** – Experiences in Dynamic Stability Modeling of Wind Farms for Grid Integration Studies
- **2006-38** – Voltage Stability and Short Circuit Issues when Integrating a Wind Farm with the Grid
- **2006-39** – Using Power Electronics at Hydro-Québec to Secure Strategic Lines during Ice Storms
- **2006-41** - Using innovative Energy Management Software technology to ease Distribution Energy Resource penetration into Networks
- **2006-42** – Condition Assessment Techniques for Ageing Utility Infrastructure
- **2006-43** - OURANOS / HYDRO-QUEBEC: Un modèle de partenariat durable
- **2006-44** – Towards Wind Forecasting at Hydro-Québec
- **2006-45** – A 100 MW Variable Frequency Transformer (VFT) on the Hydro-Québec Network
- **2006-46** - Transient Modeling and Simulation of Wind Turbine Generator and Storage Systems
- **2006-47** – Wide-Band Power System Stabilizer

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More Informations :

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