

PUBLICATIONS/PRESENTATIONS

M.R. Fogarty, L.M. Hajagos, G.R. Bérubé. *Elements of a Successful Validation Test: A Practical Approach to NERC Generator Compliance*, presented at the IEEE PES Power System Dynamic Performance Committee panel session on Generator Testing and Model Validation, July 2009, Calgary, AB.

G.R. Bérubé, L.M. Hajagos, *Coordination of Under Excitation Limiters and Loss of Excitation Relays with Generator Capability*, presented at the IEEE PES Excitation System Performance and Modeling Working Group Panel Session, July 2009, Calgary, AB.

G.R. Bérubé, L.M. Hajagos, M.R. Fogarty. *Generator Control Testing to Certify Reactive Power Capability, Excitation System Functions and Frequency Response; Guidelines for NERC Compliance*, EPRI report 1014911, November 2007.

Interconnected Power System Response to Generation Governing: Present Practice and Outstanding Concerns, IEEE Task Force Report Special Publication 07TP180, May 2007.

Guidelines for Generator Stability Model Validation Testing, IEEE Task Force on Generator Model Validation Testing of the Power System Stability Subcommittee, L.M. Hajagos, Chair. Presented IEEE at PES Meeting, June 2007, Tampa, FLA.

G.R. Bérubé, L.M. Hajagos, *IEEE Tutorial Course: Power System Stabilization Via Excitation Control*, Sponsored by the IEEE Power Engineering Education Committee, Center, Piscataway, NJ. Presented IEEE at PES Meeting, June 2007, Tampa, FLA.

IEEE 421.5-2005 Recommended Practice for Excitation System Models for Power System Stability Studies, April 2006, L.M. Hajagos, Chair.

L.M. Hajagos, *CIGRE Technical Brochure 238, Modeling of Gas Turbines and Steam Turbines in Combined-Cycle Power Plants*, December 2003.

Kundur, P.; Berube, G.R.; Hajagos, L.M.; Beaulieu, R. *Practical Utility Experience with and Effective Use of Power System Stabilizers*, IEEE PES Meeting July 2003, Vol 3, pp 1777- 1785.

G.R. Bérubé, L.M. Hajagos, *Utility Experience with Gas Turbine Testing and Modeling*, prepared for presentation at the IEEE PES Working Group Panel Presentation on Power Plant Modeling, January 2001.

G.R. Bérubé, L.M. Hajagos, R.E. Beaulieu, *Practical Utility Experience with Application of Power System Stabilizers*, presented at the IEEE PES Working Group Panel Presentation on Power System Stabilizers, July, 1999.

G.R. Bérubé, L.M. Hajagos, *Modelling Based on Field Tests of Turbine/Governor Systems*, presented at the IEEE Symposium on Frequency Control Requirements, Trends and Challenges in the New Utility Environment, February, 1999.

L.M. Hajagos, B. Danai, *Laboratory Measurements and Models of Modern Loads and Their Effect on Voltage Stability Studies*, IEEE Transactions on Power Systems, Vol 13, No 2, May 1998.

G.R. Bérubé, L.M. Hajagos, *Testing and Modelling of Generator Controls on the Ontario Hydro System*, presented at the WSCC Workshop on Synchronous Unit Dynamic Testing and Computer Model Validation (January 30, 1997) and the NERC System Dynamics Data Working Group Symposium (April 30, 1997)

G.R. Bérubé, L.M. Hajagos, *Utility Experience with Digital Excitation Systems*, IEEE PES Winter Meeting 1997, New York, NY, PE 581-PWRS-003-1997.

G.R. Bérubé, L.M. Hajagos, R.E. Beaulieu, *A Utility Perspective on Underexcitation Limiters*, IEEE Transactions on Energy Conversion, Vol 10, No 3, September 1995.

G.J. Rogers, R.E. Beaulieu, L.M. Hajagos *Performance of Station Service Induction Motors Following Full Load Rejection of a Nuclear Generating Unit*, IEEE Transactions on Power Systems, Vol 10, No 3, August 1995.

K.S. Shah, G.R. Bérubé, R.E. Beaulieu, *Testing and Modelling of the Union Electric Generator Excitation Systems*, presented at the 1995 Missouri Valley Electrical Association meeting in Kansas City, MO, April, 1995.

G.R. Bérubé, L.M. Hajagos, R.E. Beaulieu, *A Utility Perspective on Underexcitation Limiters*, IEEE PES Excitation System Subcommittee Panel Presentation, June 1994.

J.R.R. Service, L.M. Hajagos, *Practical Aspects of On-Load Generator Testing*, EPRI TR-102351, Project 2328-02, Final Report, May 1993.

G.R. Bérubé, T.A. Gough, *Power System Disturbance Recorder*, Canadian Electrical Association, Transmission, Station Planning and Operations Subsection, March 1989.

G.R. Bérubé, B.T. Ooi, *Fast Periodic Solution for Twelve-Pulse Converters*, IEEE Trans. on Power Apparatus and Systems, Vol. PAS-102, No.7, July 1983, pp 1994-2003.

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