APPENDIX B

IREQ and HQT Technical Papers

a) Kamwa, R. Grondin, "*Estimation de la Frequence d'un Reseau par des Boucles a Verrouillage de Phase – Application a un Stabilisateur*", Canadian Conference on Electrical and Computer Engineering, Québec, Sept 1991

b) R. Grondin, I. Kamwa, L.Saulieres, R. Champagne, "*An approach to PSS design for transient stability improvement through supplementary damping of the common low frequency*", IEEE Transactions on Power Systems, Sept. 1993

c) I.Kamwa, R. Grondin, D.Asber, J-P. Gingras, G. Trudel, "*Active power stabilizers for multimachine power systems: Challenges and Prospects*", IEEE Xplore, Dec. 1998

d) Kamwa, G.Trudel, L. Gerin-Lajoie, "*Robust Design and Coordination of Multiple Damping Controllers Using Non-linear Constrained Optimization*", IEEE Transactions on Power Systems, Aug. 2000

e) R.Grondin, I.Kamwa, G.Trudel,J. Taborda, "*The Multi-\band PSS: A Flexible Technology Designed to meet Opening Markets*", CIGRE General Session, Sept. 2000

f) Kamwa, R. Grondin, "*PMU configuration for system dynamic performance measurement in large multiare power systems*", IEEE Transactions on Power Systems, June 2002

g) I.Kamwa, R. Grondin, G. Trudel, "*IEEE PSS2B versus IEEE PSS4B: The limits of performance of modern power system stabilizers*", IEEE Transactions on Power Systems, June 2005

h) J.Taborda, R. Grondin, I. Kamwa, G. Trudel, "*Wide Frequency Band Power System Damping Improvement by means of Multiband Power System Stabilizers*", POWER-GEN Asia Conference, Sept. 2006

i) H.N. Duc, L-A. Dessaint, A.F. Okou, I. Kamwa, "*A Power Oscillation Damping Control Scheme Based on Bang-Bang Modulation of FACTS Signals*", IEEE Transactions on Power Systems, Dec 2010