

Balancing Authority ACE Limit Proof-of-Concept Field Trial Project 2010-14

Hydro Quebec Update Discussion
May 31, 2011

DISCUSSION STARTING AT 2:00 PM EDT

Bob Klueber – Midwest ISO

Balancing Authority Reliability-based Control Standard Drafting Team
(BARCSDT)

Frequency Data Summary

Month	April-11
Time above 60.1 Hz from 3 second data (minutes)	11.8
Median time in seconds for frequency excursions above 60.10 Hz	6
Time above 60.1 Hz from 1 minute data (minutes)	0
# of events with at least one 1 minute average frequency above 60.1 Hz	0
# of instances above 60.1 Hz for more than 30 minutes	0
Time below 59.9 Hz from 3 second data (minutes)	7.1
Median time in seconds for frequency excursions below 59.90 Hz	6
Time below 59.9 Hz from 1 minute data (minutes)	1
# of events with at least one 1 minute average frequency below 59.9 Hz	1
Consecutive minutes below 59.9 Hz for high event #1 (at 2011-04-27 08:39:00)	1
# of instances below 59.9 Hz for more than 30 minutes	0

04/27/2011 08:39 EST
1 minute duration below 59.9 Hz

Incendie phase B transformateur de courant TC15B18 à Chissibi - 08:38:50 mercredi le 27 avril 2011
(Pertes L7057 et L7067, Rejet de Production (LG3) : 669 MW)
Tension et fréquence à LG2

