

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

Hydro Quebec Update Discussion
April 29, 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	March-11
Time above 60.1 Hz from 3 second data (minutes)	10.2
Median time in seconds for frequency excursions above 60.10 Hz	6
Time above 60.1 Hz from 1 minute data (minutes)	1
# of events with at least one 1 minute average frequency above 60.1 Hz	1
Consecutive minutes above 60.1 Hz for high event #1 (at 2011-03-18 16:06)	1
# of instances above 60.1 Hz for more than 30 minutes	0
Time below 59.9 Hz from 3 second data (minutes)	5.6
Median time in seconds for frequency excursions below 59.90 Hz	6
Time below 59.9 Hz from 1 minute data (minutes)	0
# of events with at least one 1 minute average frequency below 59.9 Hz	0
# of instances below 59.9 Hz for more than 30 minutes	0