

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

Hydro Quebec Update Discussion
February 28, 2011

DISCUSSION STARTING AT 2:00 PM EST

Bob Klueber – Midwest ISO

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

Frequency Data Summary

Month	January-11
Time above 60.1 Hz from 3 second data (minutes)	19
Time above 60.1 Hz from 1 minute data (minutes)	0
# of instances above 60.1 Hz for more than 30 minutes	0
# of events with at least one 1 minute average frequency above 60.1 Hz	0
Time below 59.9 Hz from 3 second data (minutes)	14.5
Time below 59.9 Hz from 1 minute data (minutes)	2
# of instances below 59.9 Hz for more than 30 minutes	0
# of events with at least one 1 minute average frequency below 59.9 Hz	1
Consecutive minutes below 59.9 Hz for low event #1 (at 2011-01-10 08:52:00)	2
Median time in seconds for frequency excursions below 59.90 Hz	6
Median time in seconds for frequency excursions above 60.10 Hz	6

01/10/2011 08:51:27 EST
2 minute duration below 59.9 Hz

