

# **Balancing Authority ACE Limit Proof-of-Concept Field Trial**

ERCOT BA's Field Trial Updates  
December, 2010

## Field Trial Parameters

BA	Start Date	2010 Frequency Bias	FTL <sub>HIGH</sub> (HZ)	FTL <sub>LOW</sub> (HZ)	BAAL <sub>HIGH</sub> (MW)	BAAL <sub>LOW</sub> (MW)
ERCOT	Dec 15, 2009	667 *MW/0.1 HZ	60.09	59.91	600.3	-600.3

## Monthly Report – December 2010

	Total Minutes	Maximum Consecutive Minutes	Comments
Exceedances BAAL <sub>HIGH</sub> / FTL <sub>HIGH</sub>	29/29	13/13	None
Exceedances BAAL <sub>LOW</sub> / FTL <sub>LOW</sub>	34/34	9/9	None

\*ERCOT Frequency Bias was changed from 660 MW/0.1 HZ to 667 MW/0.1 Hz on 01/05/2010

# Balancing Authority ACE Limit Proof-of-Concept Field Trial

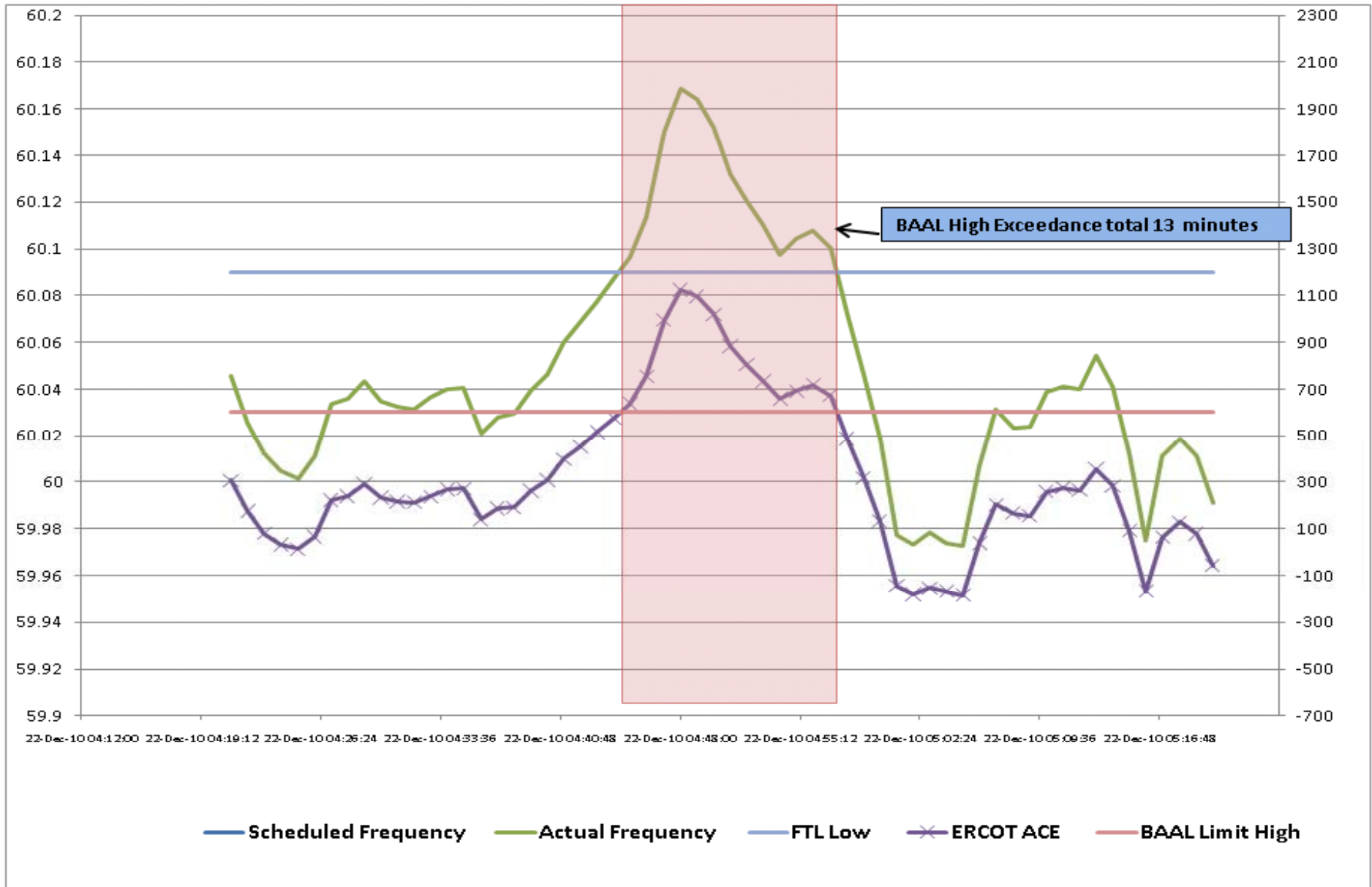
The Balancing Authority ACE Limit (BAAL) shall not be exceeded for more than 30 consecutive clock-minutes\*

Month	Max MinCtLow (Minutes)	Max MinCtHigh (Minutes)
December-2010 <sup>#</sup>	9	13
November-2010	9	15
October-2010	2	8
September-2010	3	1
August-2010	3	3
July-2010	2	0
June-2010	5	18
May-2010	3	8
April -2010	3	10
March-2010	2	7
Feb-2010	2	3
Jan-2010	2	17
Dec – 2009 (Dec 15 <sup>th</sup> onwards)	1	10

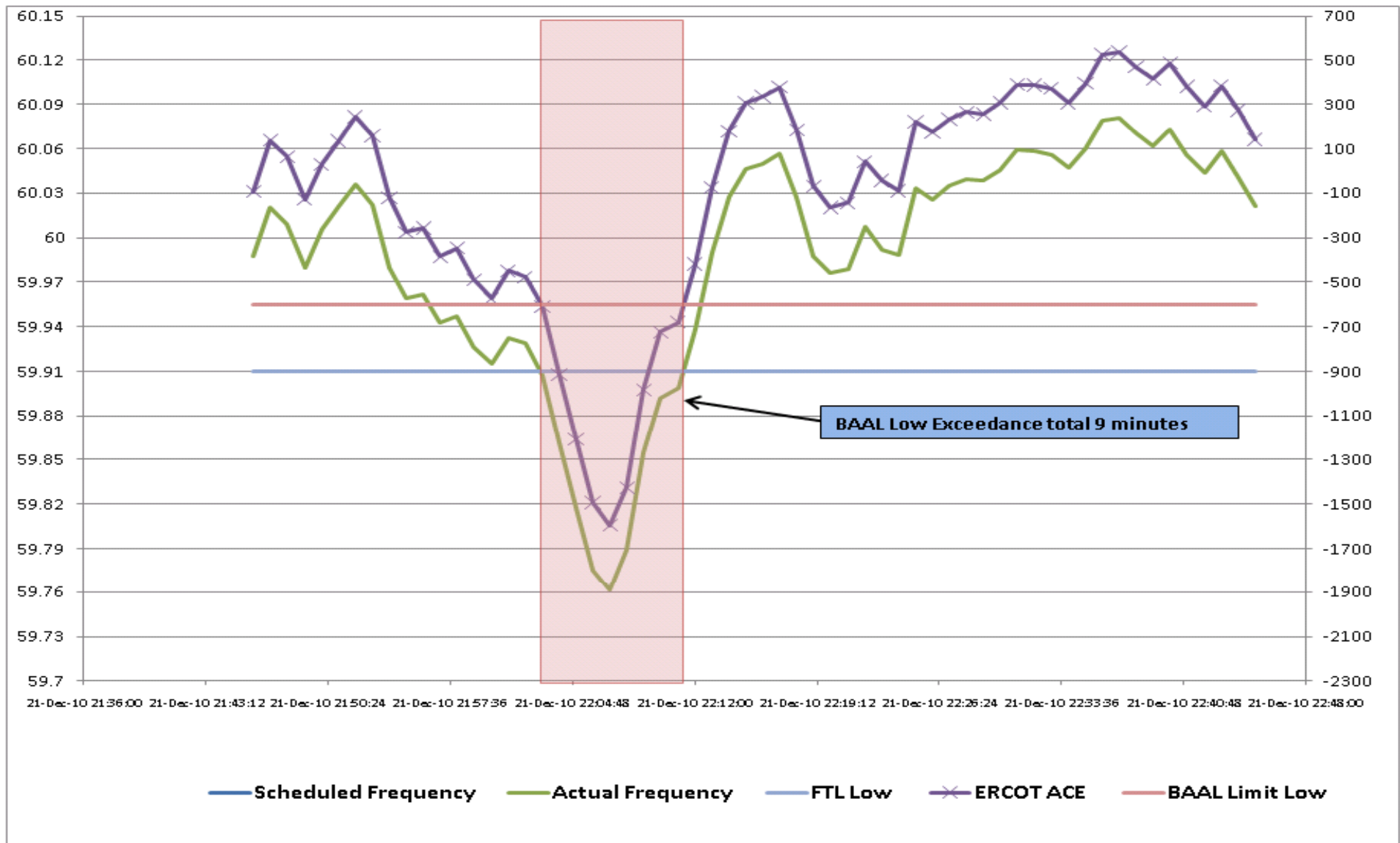
\*BAAL being exceeded for more than 30 consecutive clock-minutes would be a violation under the proposed BAL-007 standard.

# The CPS1 Score for the Month of December 2010 was 141.70%.

# 12/22/2010 13 minutes exceedance of BAAL High @ 04:00 Hour Beginning



# 12/21/2010 9 minutes exceedance of BAAL Low @ 22:00 Hour Beginning



Questions ??