

Rui Da Shu

From: Guy V. Zito
Sent: Thursday, November 05, 2015 12:45 PM
To: rsballot
Cc: rscmembers
Subject: FW: Project 2010-14.2.2 Phase 2 of Balancing Authority Reliability-based Controls BAL-004-0 | Initial Ballot Open through November 12, 2015

NPCC Members and Entities of the NERC Ballot Body,

The NPCC Regional Standards Committee in conjunction with a Task Force of Coordination of Operation has reviewed the subject standard on Time Error Correction proposed for retirement. The Initial Ballot will end at 8pm on November 12, 2015. The RSC has reviewed the standard and is aware of field tests, and other activities as well as discussions conducted for the past couple of years, NPCC continues to not see any benefit to continuing with time error correction. The reasons and applications previously justifying continuing with this practice have been associated with older clocks, street lights and some other older control systems. There is always some level of potential for a negative reliability impact during periods of correction. Papers have been written on the potential adverse impact to reliability, emphasizing that loss of generation during frequency deviations to correct time error could cause UFLS schemes to unnecessarily trigger. Additionally, as noted below, the BAL-003-1 and BAL-001-2 will incent long term adherence approximating 60 HZ frequency averages. As such, NPCC as the Regional Entity does not support continuance of the practice of Time Error Correction and the RSC recommends a YES vote **"Affirmative"** to accept its retirement.

If you have any questions please contact me.

Thank-you,

Guy V. Zito
Assistant Vice President-Standards
Northeast Power Coordinating Council Inc.
1040 Avenue of the Americas, 10th Floor
New York, NY 10018
212-840-1070
212-302-2782 fax

From: NERC Standards Announcements (Do Not Reply) [mailto:NERC-StandardsAnnouncements-DoNotReply@nerc.net]
Sent: Tuesday, November 03, 2015 3:01 PM
To: Wendy Muller
Cc: Darrel Richardson; Elsa Prince
Subject: Project 2010-14.2.2 Phase 2 of Balancing Authority Reliability-based Controls BAL-004-0 | Initial Ballot Open through November 12, 2015



Standards Announcement

Reminder

Project 2010-14.2.2 Phase 2 of Balancing Authority Reliability-based Controls Recommended Retirement of BAL-004-0

Initial Ballot Open through November 12, 2015

[Now Available](#)

An initial ballot for the recommended retirement of **BAL-004-0 – Time Error Correction** is open through **8 p.m. Eastern, Thursday, November 12, 2015**.

The Balancing Authority Reliability-based Controls 2.2 Standard Drafting Team (BARC 2.2 SDT) reviewed the findings of the BARC 2 Primary Review Team. A survey was posted for comment August 12-25, 2015 to gain a better perspective as to any concerns the industry may have if the practice of manual Time Error Correction (TEC) was eliminated. The survey responses indicated support for retirement of manual TEC as a standard. Upon further review the BARC 2.2 SDT determined that manual TEC would not support the reliability of the BPS. Conducting manual TEC in any form directly contradicts NERC Reliability Principle 2: “The frequency and voltage of interconnected bulk power systems shall be controlled within defined limits through the balancing of real and reactive power supply and demand.” The practice of using manual TEC to place the Interconnection closer to the settings for automatic underfrequency load shedding does not support or enhance reliability. Therefore, BAL-004-0 should be retired.

The survey responses also indicated that the accompanying North American Energy Standard Board (NAESB) WEQ Manual Time Error Correction Business Practice Standard – WEQ-006, should be retired contemporaneously with BAL-004-0. The BARC 2.2 SDT’s recommendation for retirement of BAL-004-0 is contingent on simultaneous retirement of NAESB WEQ-006 to ensure clarity and to avoid inadvertent, uncoordinated, manual TEC. The BARC 2.2 SDT has been coordinating with NAESB on this issue. Upon retirement of BAL-004-0 and NAESB WEQ-006, currently or soon to be effective Reliability Standards BAL-003-1 and BAL-001-2 will incent continued adherence to a frequency approximating 60 Hz over long-term averages.

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Next Steps

The ballot results will be announced and posted on the project page. The drafting team will consider all comments received during the formal comment period and determine the next steps for the project.

For more information or assistance, contact Senior Standards Developer, [Darrel Richardson](#) (via email), or at (609) 613-1848.

3353 Peachtree Road NE
Suite 600, North Tower
Atlanta, GA 30326
404-446-2560 | www.nerc.com

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