NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Standards Announcement:
Initial Ballot Results
January 7, 2008

TO: REGISTERED BALLOT BODY

Ladies and Gentlemen:

The Standards Committee (SC) announces the following:

Initial Ballot Results for Interpretation of Requirement R17 in BAL-005-1 — Automatic Generation Control

The initial ballot for the interpretation of Requirement R17 in BAL-005-1 — Automatic Generation Control was conducted from December 19, 2007 through January 4, 2008.

Portland General Electric Company submitted a Request for an Interpretation of BAL-005-1 Automatic Generation Control, Requirement R17. The request asked if the requirement to annually check and calibrate time error and frequency devices applies to the following measuring devices:

- Only equipment within the operations control room
- Only equipment that provides values used to calculate automatic generation control area control error
- Only equipment that provides values to its SCADA system
- Only equipment owned or operated by the balancing authority
- Only to new or replacement equipment
- To all equipment that a balancing authority owns or operates

The Frequency Task Force (drafting team) provided an interpretation that clarifies that Requirement R17 applies only to the time error and frequency devices that provide, or in the case of back-up equipment may provide, input into the area control error (ACE) equation or provide real-time time error or frequency information to the system operator. The requirement does not apply to frequency inputs from other sources that are for reference only. The time error and frequency measurement devices may not necessarily be located in the system operations control room or owned by the balancing authority; however, the balancing authority has the responsibility for the accuracy of the frequency and time error measurement devices. No other devices are included in Requirement R17 — the other devices listed in the table at the end of Requirement R17 are for reference only and do not have any mandatory calibration or accuracy requirements.

New or replacement equipment that provides the same functions noted above requires the same calibrations. Some devices used for time error and frequency measurement cannot be calibrated as such. In this case, these devices should be cross-checked against other properly calibrated equipment and replaced if the devices do not meet the required level of accuracy.

The ballot achieved a quorum; however, there was a negative ballot with a comment, initiating the need to review the comment and determine whether the interpretation needs modification before proceeding to a recirculation ballot. The drafting team will be reviewing all comments submitted with the initial ballots and will prepare its consideration of those comments. (Detailed Ballot Results)

Quorum:	84.77 %
Approval:	98.44 %

Standards Development Process

The NERC posting and balloting procedures are described in the *Reliability Standards Development Procedure Manual*, which contains all the procedures governing the standards development process. The success of the NERC standards development process depends on stakeholder participation. We extend our thanks to all those who participate.

Please send questions to Maureen Long at maureen.long@nerc.net, or call 813-468-5998.

Sincerely,

Maureen E. Long

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cc: Registered Ballot Body Registered Users
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