Unofficial Comment Form

Frequency Response (Project 2007-12)

Please **DO NOT** use this form to submit comments. Please use the [electronic comment form](https://www.nerc.net/nercsurvey/Survey.aspx?s=58fcfe7b0f934f2e8aa078ca745539a1) to submit comments on the first formal posting for Project 2007-12—Frequency Response. The electronic comment form must be completed by **December 8, 2011.**

[2007-12](http://www.nerc.com/filez/standards/Project2010-07_GOTO_Project.html) Project Page

If you have questions please contact Darrel Richardson at darrel.richardson@nerc.net or 609.613.1848.

**Background**

Frequency Response, a measure of an Interconnection’s ability to stabilize frequency immediately following the sudden loss of generation or load, is a critical component to the reliable operation of the bulk power system, particularly during disturbances and restoration. There is evidence of continuing decline in Frequency Response over the past 10 years, but no confirmed reason for the apparent decline. The proposed standard requires entities to provide data so that Frequency Response in each of the Interconnections can be analyzed, and the reasons for the decline in Frequency Response can be identified. The standard would set a minimum Frequency Response obligation for each Balancing Authority, provide a uniform calculation of Frequency Response and Frequency Bias Settings that transition to values closer to natural Frequency Response, and encourage coordinated AGC operation.

TheDrafting Team would like to receive industry comments on this standard.

**You do not have to answer all questions. Enter all comments in Simple Text Format.**

1. The SDT has made minor modifications to the proposed definitions to provide additional clarity. Do you agree that these modifications provide sufficient clarity? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. The SDT has made minor modifications to the Requirements R1 through R4 to provide additional clarity. Do you agree that these modifications provide sufficient clarity to comply with the standard? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. The SDT has developed VRFs for the proposed Requirements within this standard. Do you agree that these VRFs are appropriately set? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. The SDT has developed Measures for the proposed Requirements within this standard. Do you agree with the proposed Measures in this standard? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. The SDT has developed VSLs for the proposed Requirements within this standard. Do you agree with these VSLs? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. The SDT divided the previously posted “Attachment A – Background Document” into two documents to provide additional clarity. The first document “Attachment A- Supporting Document” which details the methods used to develop the events to be analyzed, the FRO, FRM and Frequency Bias Setting. Do you agree that the revised Attachment A – Supporting Document provides sufficient clarity on the methodologies to be used? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. The second document “BAL-003-1 Background Document” provides information behind the development of the standard. Do you agree that this new document provides sufficient clarity as to the development of the standard? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. The SDT has developed a new document titled Attachment B – Process for Adjusting Bias Setting Floor. This document is intended to provide the methodology the ERO will use to reduce the minimum Frequency Bias Setting to become closer to natural Frequency Response. Do you agree that this document provides clear and concise instructions for the ERO to follow? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. The SDT has provided an additional spreadsheet, FRS Form 2, to assist the Balancing Authority in providing the data needed to comply with the proposed standard. Do you agree that this spreadsheet is useful and the instructions are meaningful? If not, please explain in the comment area.

[ ]  Yes

[ ]  No

Comments:

1. Please provide any other comments (that you have not already provided in response to the questions above) that you have on the draft standard BAL-003-1.

Comments: