

BAL-003-2 Frequency Bias Settings and L_{10} Values for 2022 Implementation

May 2, 2022

Frequency Bias Settings and L_{10} Values

The ERO has finalized validation of the 2022 Frequency Bias Settings, calculated L_{10} values for each Balancing Authority, and computed the total Frequency Bias for each interconnection based on BAL-003-2 submittals.

This document provides implementation instructions for the final 2022 Frequency Bias Settings in accordance with Standard BAL-003-2 Requirements R2, R3, and R4.

The 2022 implementation instructions and Frequency Bias Settings have been posted on the [Balancing Authority Submittal Site](#) and the [Resources Subcommittee](#) website.

Implementation Schedule

Balancing Authorities are to implement the 2022 Frequency Bias Settings on Wednesday, June 1, 2022.

For the Western Interconnection, the Bias and L_{10} changes should be within the operating hour ending 10:00 a.m. PDT/11:00 a.m. MDT because the Bias settings within the interconnection and the calculations performed for Automatic Time Error Correction (ATEC) need to be coordinated. No specific time is specified for the Eastern Interconnection, but the changes should be implemented no later than close-of-business (5:00 p.m. EDT/4:00 p.m. CDT).

The 2022 Frequency Bias Settings are to remain in effect through the end of June 2023 (when the 2023 settings will be implemented), unless otherwise instructed by the ERO.

The Bias settings are prescribed in one decimal point accuracy. If your BA's EMS system is not capable of handling decimal points, please round up in your implementation. It is preferable to be over-biased than under-biased.

Please contact David Till (David.Till@nerc.net) or Soo Jin Kim (Soo.Jin.Kim@nerc.net) for additional information or assistance.