Unofficial Comment Form

Project 2021-05 Modifications to PRC-023

**Do not** use this form for submitting comments. Use the [Standards Balloting and Commenting System (SBS)](https://sbs.nerc.net/) to submit comments on **Project** **2021-05 Modifications to PRC-023 Standard Authorization Request (SAR).** Comments must be submitted by **8 p.m. Eastern, Wednesday, July 28, 2021.**

Additional information is available on the [project page](http://nercdotcomstage/pa/Stand/Pages/Project-2021-05-Modifications-to-PRC-023.aspx). If you have questions, contact Senior Standards Developer, [Ben Wu](mailto:ben.wu@nerc.net) (via email), or at 404-446-9618.

## Background Information

Requirement R2, in PRC-023-4, requires applicable functional entities to set their Out of Step Blocking[[1]](#footnote-1) (OOSB) elements to allow tripping for faults during the loading conditions prescribed by Requirement R1. A requirement to allow tripping in a Standard whose intent is to block tripping, has led to some entities disabling their OOSB relays. Disabling of these relays could lead to tripping during stable power swings causing an increased reliability risk. OOSB relays provide increased security by preventing relays from tripping for stable power swings. Preventing the tripping of transmission lines during these types of disturbances increases the reliability of the BES. Requirement R2 should be removed because it has been interpreted to restrict the setting of OOSB elements making compliance with PRC-026 more difficult.

Attachment A exclusion 2.3 should also be removed. This exclusion is no longer needed and that exclusion has contributed to the confusion surrounding R2. Attachment A exclusion 2.3 has been interpreted as being in conflict with R2. Both R2 and Attachment A exclusion 2.3 are not needed in the Standard.

## Questions

1. Do you agree with the proposed scope as described in the SAR? If you do not agree, or if you agree but have comments or suggestions for the project scope please provide your recommendation and explanation.

Yes

No

Comments:

1. Provide any additional comments for the SAR drafting team to consider, if desired.

Comments:

1. The term power swing blocking (PSB) is also used by industry to describe these elements [↑](#footnote-ref-1)