Unofficial Comment Form

Project 2023-02 Performance of IBRs

**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 2023-02 Performance of IBRs Standard Authorization Request (SAR)** by **8 p.m. Eastern, Thursday, March 23, 2023.
m. Eastern, Thursday, August 20, 2015**

Additional information is available on the [project page](https://www.nerc.com/pa/Stand/Pages/Project-2023-02-Performance-of-IBRs.aspx). If you have questions, contact Standards Developer, Dominique Love (via email), or at 404-217-7578.

## Background Information

This project addresses the reliability‐related need and benefit by requiring analysis and mitigation of unexpected or unwarranted protection and control operations from inverter-based resources following the identification of such a performance issue. This includes any types of protections or controls that result in abnormal performance issues within the plant, including abnormal performance resulting in anomalous behavior of active power output from the facility during events. Considerations may be needed for legacy facilities, but the root cause analysis of the abnormal performance and determination of any mitigating measures should be conducted. The SAR should be applicable to all Bulk Electric System (BES) inverter-based generating resources, including battery energy storage resources.

These changes will prompt analysis of IBR loss events following grid disturbances to ensure that facilities are operating in a reliable manner and providing essential reliability services. Mitigating actions will reduce unnecessary IBR tripping or controls issues that result in widespread reduction of power output from these facilities, and will also reduce the possibility of systemic performance issues in the future.

The result will produce one deliverable:

* Modifications to PRC-004 (or a new standard) – focus on IBRs to ensure that any unexpected ceasing of current injection (partial or full) is analyzed by the applicable Generator Owner and mitigated to the extent possible.

**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: