

August 27, 2019

To: Balancing Authorities (BAs), Generator Operators (GOPs), and Generator Owners (GOs) in the Eastern Interconnection (EI) and Western Interconnection (WI)

From: NERC Resources Subcommittee (RS) Chair and North American Generator Forum (NAGF) COO

RE: Industry update on the status of the planned 2019 GOP Survey

The historical decline and observed performance of Primary Frequency Response has been the focus of intense effort, education, and outreach over the past few years. A NERC Alert, a NERC Advisory, Reliability Guideline: Primary Frequency Control, FERC Order 842, NERC webinars, OEM outreach, additional Reliability Standards and Requirements, and the 2017 Generator Survey are examples of the effort, education, and outreach to the industry regarding Primary Frequency Control.

Two issues related to the historical decline of primary frequency response and lack of Interconnection performance have been identified as: 1) dead band settings exceeding 36 mHz and 2) lack of coordination between a resource's governors and output controls.

The 2019 Generator Survey is the second Interconnection survey to measure individual NERC Bulk Electric System (BES) generator(s) performance to actual events. Here are important items to note:

- NERC webinars for the EI and WI are scheduled for September 19, 2019 and September 26, 2019
- GOPs will be asked to evaluate their performance for at least one of several events to be provided. Multiple events will be provided to give generators a greater opportunity to evaluate their performance when online with adequate headroom available.
- GOPs are asked to perform individual unit assessments and summarize their information on a Summary Form and submit the Summary Form to their BAs for their respective generator(s) by the end of business day November 22, 2019.
- BAs are asked to support their GOP as needed with frequency data if requested.
- BAs are asked to advise their GOPs of the point of contact and method to submit forms.
- BAs are asked to summarize all their GOP information into a BA Summary Sheet and submit on the NERC BAS site in the identified BA folder by the end of the business day December 22, 2019.
- NERC RS Regional representatives will be identified and available to support GOPs and BAs with their respective evaluation and submittals.
- The 2019 GOP Survey results will be summarized and published to the industry.

3353 Peachtree Road NE
Suite 600, North Tower
Atlanta, GA 30326
404-446-2560 | www.nerc.com

Although this effort is voluntary, it is recognized that it will involve potentially significant effort on behalf of both GOPs and BAs, all GOPs and BAs are highly encouraged to participate. This continued effort is an example of how industry can collaborate and address potential reliability issues without the addition of mandatory standards. NERC Regions are requested to emphasize the GOP Survey to their respective BA and GOP members. On behalf of the NERC RS and NAGF your support is greatly appreciated.

Sincerely,

X Tom Pruitt

Tom Pruitt
Chair, Resources Subcommittee

X Allen Schriver

Allen Schriver
COO, North American Generator Forum