

Generating Availability Data System Task Force Design Team Scope

Purpose

The Generating Availability Data System (GADS) Task Force (TF) – Design will:

1. Review and recommend whether Generation Owners on the NERC Compliance Registry should report GADS Data on a mandatory basis.
2. Evaluate current design documents and recommend additions, modifications or deletions of equipment data from those documents.

Background

GADS Design Data is used heavily in filtering event and performance data results in pc-GAR and other GADS software products. It is also key in reliability assessment, loss-of-load expectations, and other models of generator performance. Without accurate design data, it is impossible to isolate peer units for benchmarking, goal setting, checking reliability of plant designs, monitoring generator aging, etc. As Design Data has not been reviewed or revised in several decades for the vast majority of reporting units, this sub-group's work will be vital in supporting grid reliability improvements.

Activities

To accomplish its purpose, the GADSTF – Design will perform the following activities:

1. Review GADS Design Data and determine what data currently collected is needed to support and improve Bulk Power System (BPS) reliability.
2. Review GADS Design Data and determine what data not currently collected is needed to support and improve Bulk Power System (BPS) reliability.
3. Determine if collection of GADS Design Data identified above should be mandatory, in whole or in part, for Generation Owners on the NERC Compliance Registry.
4. Determine whether periodic (e.g., once/year, once/five years) reviews/confirmations of design data should be required for Generation Owners on the NERC Compliance Registry.

A report of the design sub-group will be sent to the GADSTF by Wednesday September 22. The GADSTF – Design will target provision of its initial recommendations to the GADSTF at its September 30 – October 01, 2010 meeting.

Membership

The GADSTF – Design team is comprised of 12 members. Mike Curley (Manager of GADS Services) will represent NERC in the Design Group, and will be available for consultation on an as-needed basis.

Governance

The GADSTF – Design will report to the GADSTF Leadership as outlined in the GADSTF Scope and other founding documents.

Meetings

Conference calls and/or web meetings will be held as needed beginning the week of August 30, 2010 and will be completed no later than September 17, 2010. A minimum of four calls is anticipated.