

Generating Availability Data Systems Task Force

Wind Team Scope

Purpose

The Generating Availability Data System Task Force – Wind (GADSTF-W) will identify and make recommendations to the GADSTF concerning the impact of Wind Generation (WG) on grid reliability, data required to plan for those concerns and whether reporting should be mandatory.

Background

Starting in 2007, the GADS Wind Turbine Working Group (WTWG) has worked to create a new database for wind. Work was completed in November of 2009 resulting in version 1.1.0. of the GADS Wind DRI. Voluntary WG reporting to GADS began April 2010 with approximately 3% of WG reporting. State mandates of 20-30% renewable energy over the next 10 to 20 years will have increasing impact on the grid system and information will be key to insuring its reliability.

Activities

To accomplish its purpose, the GADSTF-W will perform the following activities:

1. Identify potential wind generation impacts to grid reliability.
2. Should GADS reporting be mandatory for Wind?
3. Identify the data required to identify and plan for those impacts.
4. Review the current GADS Wind DRI data collection.
5. Identify potential gaps in the current “GADS Wind DRI” data collection.
6. What will be the impact of additional and or mandatory reporting by the Wind Plant Owner?
7. Who should report (10, 20, 30....MW Plant)?

Results

Two products are anticipated: 1) Summary report for all the activities listed above to be delivered to the GADSTF by Wednesday, September 22, 2010. 2) GADSTF-W team will present their results to the entire GADSTF at the meeting scheduled for September 30 / October 1, 2010.

Membership

The GADSTF-W members are members and or observers of the GADSTF and total 21 individuals.

Governance

The GADSTF-W will report to the GADSTF.

Meetings

6 Phone conference meetings are anticipated beginning around August 30, 2010 and concluding no later than September 17, 2010.