

Notes from 12/1/11 ERGIS TRC conference call

Attendees:

Mark Ahlstrom, Jared Alholinna, Venkat Banunarayanan, Daniel Brooks, Dave Corbus, Marissa Hummon, Gary Jordan, Jack King, Brendan Kirby, Debbie Lew, Larry Mansueti, Paul McCurley, Slobodan Pajic, Brian Parsons, Matt Schuerger, Charlie Smith, Aidan Tuohy, Bob Zavadil

Presentation:

Made by Kara Clark with support from Jack King (RePPAE). Posted at <http://wind.nrel.gov/public/ergis/>

Key Discussion Points:

Scope of statistical analysis should include load, net load, wind, and solar to identify correct drivers to ramps in various time frames.

Extensive discussion of existing wind database, the increased variability identified at 12 hour intervals, potential fixes, etc. Consensus that the original dataset needs to be updated to address the large steps in 10-min deltas at noon and midnight when the observed data is fed in.

Load data in existing dataset is parsed by Ventyx transmission areas, which do not necessarily match BAs very well. Initial review of potential to use FERC planning regions, which are a better match to BAs, suggests that lack of 2004, 2005 data and GIS makes them less useful. Plan is to stick with transmission zones/areas for ERGIS analysis. Question arose about how EIPC regions are defined.

Charlie Smith made a pitch for the development of wind and solar databases for additional years.

Discussion of benchmark scenario vs. study scenario terminology, potential renewable penetration scenarios, the value of a credible benchmark against which to compare the study scenarios with higher renewable generation penetration.

Action Items:

Matt Schuerger volunteered to provide Jack King with EIPC documentation of their area/zone/region definitions (Done).

Daniel Brooks volunteered to identify solar projects in the south that could be included in the renewable scenario.

Kara Clark to follow up with AWST on what improvements they've made to their synthesized wind data since the original EWITS data, and explore possible updates. Also, find weighted average of a penetration level based on current RPS targets as a candidate for the benchmark scenario.

Another TRC and/or stakeholder conference call will be held in early 2012.