RDWG Minutes

3-28-2016

Attendees: John Palen-NRG (Chair), Ann Boren-ERCOT, Alan Bern-Oncor, Brittney Albracht-ERCOT, Jay Teixeira-ERCOT, Lindsay Butterfield-ERCOT

By Phone: Carol Chessmore-ONCOR, Caleb Luce-Oncor, Sherry Looney-Luminant, Walter Reid-Wind Coalition

Review 10-20-2015 Meeting Minutes:

Not done due to computer issues and time since last meeting.

RRGRR009 Review:

Market Rules reviewed RRGRR process, language review and possible approval.

IA to be taken up at next meeting, current impact $60-$80, 4+ months implementation time

*Turbine Details –*

Revised wording from “Transformer” to “Pad Mount Transformer”

*Line Data –*

Deleted redundant language, left in the one addressing GIC

*Line Temperature –*

Added language to clarify that these are for RE-Owned Relays only.

Discussed adding reference to NERC Standard, but decided against due to the changing nature of the NERC Standards.

*Most Limiting Series Element –*

Added “Wavetrap” and “CT Meter Ratio” to description of Most Limiting Series Element.

Unanswered question as to what constitutes the boundary, i.e. the most limiting device restricts what other element? ERCOT to review and report back at next meeting.

*Capacitor and Reactor Data –*

Revised description to read “Enter the DC resistance in ohms/phase for grounded shunt reactors (enter 99999 for ungrounded shunt reactors and all shunt capacitors)”.

*Transformer Data –*

Added clarification to descriptions of Winding 1,2, & 3 to read “Series Winding”, “Common Winding” and “Additional Secondary Winding”.

Added clarification to description of Vector Group Identifier to include “Manufacturer-supplied.”

Changed “Number of Cores in Transformer Design”, to “Transformer Core Design Type” and added clarification “manufacturer-supplied….”

There is insufficient guidance from ERCOT regarding the K Factor. ERCOT to report back at next meeting.

For Transformer Model, added following to description “Enter 0 except for phase-shifting transformer, which should be entered as a 1”.

*Substation –*

Unanswered questions about Normal and Emergency Voltage Limits

Made miscellaneous editorial changes.

Walter Reid is advocating restricting GIC data to circuits greater than 200kV to directly align with NERC guidance. He will consider submitting a RRGRR Comment.

No ROS Recommendation at this time.

Next Meeting: 4-25-16 at the ERCOT Met Center