VRTF Update to ROS  
August 15th, 2013

1. VRTF did not have a meeting since last ROS meeting
2. DWG
   1. Added distribution detail to a station in the South of Oncor’s territory
   2. Added load models and were able to run some preliminary test faults
   3. Continuing to work with Distribution Planning to add surrounding distribution detail to see the effects of VR on adjacent buses.
3. Companies working on their testing plans/part of the report are
   1. Oncor
   2. CenterPoint
   3. AEP Texas
   4. GVEC
4. Posted to last meeting webpage (old)
   1. VRTF report to ROS outline.docx
   2. FinalReportDataVRTF\_sum.xlsx
   3. Test Protocol.doc
   4. Testing QA\_03232013.docx
   5. Example of Testing Results.docx
5. Report to ROS is in porgress
6. Next meeting on 8/29/2013

VRTF Report to ROS

Draft Outline:

1. Executive Summary (address key findings of this summer’s testing).
2. Scope
   1. What is Voltage Reduction?
   2. Possible Strategies for Applying Voltage Reduction
      1. EEA events
      2. Peak Demand Reduction
      3. VAR optimization
3. Report from DWG
4. Test methods used to validate the effectiveness of voltage reduction(Could be an Appendix)
   1. Utility A
   2. Utility B
   3. Utility C
5. Results of Tests Performed in Summer 2012(Could be an Appendix)
   1. Utility A
   2. Utility B
   3. Utility C
6. Industry experience with voltage reduction (Summary of literature search and Survey of Utilities)
   1. Historical experience within ERCOT (identify deficiencies in legacy schemes, load changes over time)
      1. ONCOR
      2. Centerpoint
      3. GVEC
   2. Other Regions
7. Control systems for implementing voltage reduction
   1. Description of available technologies
   2. Costs
   3. Emerging technologies (if relevant)
   4. Barriers to implementation
8. Potential MW reduction during Summer
   1. Reporting utilities
   2. Extrapolation to ERCOT
      1. Challenges with extrapolating data.
      2. Technique applied
      3. Results