VRTF Update to ROS  
July 11th, 2013

1. DWG
   1. will “unroll” power banks from a lump assumption to more a detailed transmission/distribution model at locations where VR is present
   2. Will start by modeling parts of Oncor’s system
   3. Will start studying the effects of transmission faults on motor stalls
   4. Expects to have report complete by late October, but may be able to expedite process
2. Verbal Commitment for Summer Testing
   1. Oncor
   2. CenterPoint
   3. AEP Texas
   4. GVEC
   5. More expected (CPS?)
3. Posted to last meeting webpage
   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

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