Technical Subgroup Meeting 2 DRAFT AGENDA
Friday, April 13th
9:30am – 12:30pm

WebEx: https://global.gotomeeting.com/join/432598661
Dial in option (webex preferred): 1-571-317-3112; 432-598-661#

1) Introductions
2) Follow up on Statewide Technical Requirements Purpose, Scope and Limits
3) MISO presentation on Bulk Power System Voltage and Frequency issues; DER penetration; DER Impact Assessment efforts
4) Utility presentation on Area EPS Normal and Abnormal Conditions
5) Performance Categories and Response to Normal and Abnormal Conditions
   a. Definition of performance category – Normal (A/B); Abnormal (I, II, III)
   b. How a performance category is assigned and role of AGIR, utility, ISO/RTO
   c. What assignment of a performance category means re: capability; implementation/utilization; DER impacts/consumer protections
   d. Proposed Performance Category Assignments and DER Attribute Groupings
6) Next Steps/Homework – 10 mins
Phase II Technical Subgroup Roster:

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<tr>
<th>Name</th>
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<tr>
<td>Jeff Schoenecker/Craig Turner</td>
<td>Dakota Electric</td>
<td>Robert Jagusch</td>
<td>MMUA</td>
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<td>Lise Trudeau</td>
<td>Dept of Commerce</td>
<td>Kevin McLean/Jenna Warmuth</td>
<td>MN Power</td>
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<td>John Dunlop/Chris Jarosch</td>
<td>MNSEIA</td>
<td>Commissioner Matt Schuenger; Michelle Rosier; Cezar Panait; Pam Johnson, DOE Solar Energy Innovator Fellow (May 1)</td>
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<td>Kevin Joyce/Katie Bell</td>
<td>EFCA</td>
<td>Kristi Robinson</td>
<td>MREA</td>
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<td>Technical Assistance*</td>
<td>Michael Coddington and Michael Ingram, National Renewable Energy Laboratory</td>
<td>Tom Key, Jens Boemer, Nadav Enbar; Electric Power Research Institute</td>
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<td>Brian Lydic/Sky Stanfield/Laura Hannah – Joint Movants</td>
<td>Dean Pawlowski, Otter Tail Power</td>
<td>Patrick Dalton/John Harlander/Alan Urban</td>
<td>Xcel Energy</td>
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<td>Tam Kemabonta/Professor Mahmoud Kabalan, St. Thomas Affiliation</td>
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*Technical assistance is not a participant or party to the docket and does not advocate for specific outcomes in the proceeding. The role of technical assistance is to support Commission staff in the process for these proceedings, and to provide an objective source of information or data, as requested, by Commission staff to understand areas of disagreement amongst participants.

Draft Meeting Topics Proposal:

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<th>Topic</th>
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| 3/23/18 | Meeting 1  
Scope/Overview** (Walk-through with explanations; Red-lined TIIR; List of topics in scope of TSMs; Definitions |
| 4/13/18 | Meeting 2  
Performance Categories**; Response to normal and abnormal conditions; MISO Bulk Power System |
| 5/18/18 | Meeting 3  
Reactive Power and Voltage/Power Control Performance**; Protection Requirements |
| 6/1/18  | Full DGWG Meeting  
Technical Subgroup update; Phase I Update/Next Steps |
| 6/8/18  | Meeting 4  
Energy Storage**; Non-Export and Inadvertent Export** |
| 7/20/18 | Meeting 5  
Interoperability** (Monitor and Control Criteria); Metering**; cyber security |
| 8/10/18 | Meeting 6  
Test and Verification**; Witness Test Protocol |
| 9/14/18 | Meeting 7  
References; Definitions*; 1-line diagram requirements; Agreements* |
| 9/21/18 | Full DGWG Meeting 2 |