



Topic Schedule

Names in red denote staff subject matter experts

<u>Feb 2nd</u> S. Stapels Market Structure Product to be Offered Resources	<u>March 30th</u> Canceled due to CHTF	<u>May 26th</u> P. Bruich Settlements II
<u>Feb 9th</u> S. Stapels Registration Resource Qualification Market Timeline	<u>April 6th</u> E. Davis, CJ Brown, S. Elis, E. Watson Modeling Pseudo ties and JOU Virtuals Demand Response	<u>June 1st</u> S. Stapels Reserve Sharing
<u>Feb 23rd</u> S. Stapels Market Functions I	<u>April 13th</u> S. brown BA Functions	<u>June 8th</u> T. Fritsche Credit
<u>March 2nd</u> Market Functions II	<u>April 27th</u> CJ Brown, J. Smith Resource Adequacy	<u>June 22nd</u> S. Stapels Market to Market
<u>March 9th</u> B. Nutter, L. Carter Energy Transactions	<u>May 4th</u> C. Cathey, J. Davis, J. Smith Emergency Condition Load Forecast	<u>June 29th</u> J. Friddle Formulations
<u>March 23rd</u> A. McQueen, C. Cathey Make Whole Payment Market Mitigation	<u>May 11th</u> P. Bruich Settlements I	<u>July 6</u> S. Stapels Losses
		<u>July 13th</u> B. Sugg, M. Desselle Technical Business Continuity Other



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Market Structure Product to be Offered Resources	<u>Canceled due to CHTF</u>	Settlements II
<u>Feb 9th</u>	<u>April 6th</u>	<u>June 1st</u>
Registration Resource Qualification Market Timeline	Modeling Pseudo ties and JOU Virtuals Demand Response	Reserve Sharing
<u>Feb 23rd</u>	<u>April 13th</u>	<u>June 8th</u>
Market Functions I	BA Functions	Credit
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Market Functions II	Resource Adequacy	Market to Market
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Energy Transactions	Emergency Condition Load Forecast	Formulations
<u>March 23rd</u>	<u>May 11th</u>	<u>July 6</u>
Make Whole Payments Market Mitigation	Settlements I	Losses
		<u>July 13th</u>
		Technical Business Continuity Other



February 2nd

- **Review of Market components**
 - **Day Ahead, Reliability Commitment, Real Time**
 - **Multi Settlements**
- **Products to Offer**
 - **Energy, Regulation, Spinning, Supplemental**
- **Resources**
 - **Types supported**
 - **Commitment and dispatch parameters**
 - **Ramp Rates**



February 9th

- **Registration**
 - **What information is needed to register**
 - **Default data to be used when no offer submitted**
- **Resource Qualifications**
 - **What is the process to be qualified and or certified for each product (Energy, Regulation, Spinning and Supplemental)**
- **Market Timeline**



Feb 23rd

- **Market Functions I**
 - **Additional rules for DA, RUC and RT**
 - **Operating and Contingency Reserves**



March 2nd

- **Market Functions II**
 - **Look Ahead Functionality**
 - **Market System Interfaces**
 - **Market Closure Activities**
 - **Price Administration**
 - **Schedule Check out**
 - **Settlement Data Validation**



March 9th

- **Energy Transaction**
 - **Bilateral**
 - **Native Load**
 - **Interchange**
 - **Fixed, Dispatchable, Up to TUC, Dynamic**
 - **Financial**
 - **Ramp Reservations**



March 23rd

- **Make Whole Payment**
- **Market Mitigation**
 - **DA Mitigation**
 - **RT Mitigation**
 - **Make Whole Payment Mitigation**



April 6th

- **Commercial and Physical Modeling**
 - **Changes to support DA and A/S market**
 - **Reserve Zone definition and requirements**
 - **Hub definition**
- **Pseudo ties and JOUs**
 - **What is supported with A/S market**
- **Virtuals**
 - **Supply, Demand**
 - **Who can participate**
- **Demand Response**
 - **What flavors supported**
 - **FERC Order 719 compliance**



April 13th

- **BA Functions**
 - **Division of responsibility between current BA and new SPP BA (NERC Functional Model)**
 - **Reversion support**
 - **ACE calculation**



April 27th

- **Resource Adequacy**
 - **How do we ensure that there is enough short term and long-term capacity for the new markets to select from.**
 - **How do we compensate – or incent to insure compliance**
 - **Look at problem from three angles Capacity, Compliance and Deliverability**
 - **Must offer requirements**
 - **Order 719 implications**



May 4th

- **Emergency Conditions**
 - **DA/RUC/RT Surplus**
 - **DA/RUC/RT Deficient**
- **Load Forecast**
 - **Changes to process with SPP as BA**
 - **Demand response support**
 - **Separation of Non-Conforming loads in forecast process**



May 11th

- **Settlements I**
 - **Energy components**
 - **Ancillary Services settlement**



May 26th

- **Settlements II**
 - **Make Whole Payment calculations (Revenue Sufficiency Guarantees)**
 - **Other Settlement topics**



June 1st

- **Reserve Sharing**
 - **Who can participate**
 - **How does it work**
 - **Price protection of current contracts**



June 8th

- **Credit**
 - **Exposure Calculation**
 - **Energy**
 - **Regulation, Spin, Supplemental**
 - **Congestion Hedge**
 - **Existing Charges**
 - **Other**
 - **Collateral Requirements**



June 22nd

- **Market to Market**
 - **Is there a need to share real time flowgate information between SPP and other Markets**
 - **Does new enlarged seam with MISO present opportunities**



June 29th

- **Formulations**
 - **SCUC and SCED algorithm evaluation**
 - **Energy Co-optimization with A/S**
 - **Demand Curves**
 - **Scarcity Pricing**
 - **Calculation of losses and opportunity costs**



July 6th

- **Losses**
 - **Average or marginal losses for new market**
 - **Calculation methodology**



July 13th

- **Technical (IT) decision – how much does suboptimal dispatch cost per hour**
- **Information to provide on the portal**
 - **Contour maps**
 - **Daily reports**
- **Business Continuity – Review Tiers**
- **Participant support (NOC)**
- **Other Items**



After July

- **Plan to have first pass at requirements and drafts of protocols**
- **Re-evaluate in face of hedging instrument**
- **Final review**
- **Prepare for RFP process Feb 2010**