List of Discussion Topics from the 10-24-13 AS Workshop

1. Real Time Market with Co-optimized Energy and AS
2. Separate vs. combined procurement for PFR & FFR?
3. Deliverability of AS (AS deliverability zones)?
4. Settlements
   1. Pay for Performance
   2. How AS Obligations are determined?
5. Performance metrics
6. Procurement Methodology for SIR
7. Trend current SIR available – develop criteria to determine how much SIR required?
8. Role for DC ties providing AS
9. Timing of implementation of new AS Product set
10. Implementation of ORDC with revised AS
11. Can some of the services (e.g. PFR, CR) overlap – impact on pricing, how does AS co-optimization work?
12. More information on Generator Rate of Change of frequency relays
13. FFR - only a 10 second deployment required duration after relay operates?
14. Discuss details on location and functionality of high resolution recorders
15. Discuss cost-benefit of direct control of Resources for base point and AS (e.g. regulation)
16. Dead band rules – can resources open them up if not awarded PFR?
17. If Supplemental Reserves are procured – what is the criterion to determine how much is required?
    1. Add supplemental reserve to new AS product
18. Qualitative assessment of the need for the change to the new AS product set
19. Consider a more frequent SCED execution (every 3 minutes)
20. Revised concept paper will be released in one week?
21. Comments on REVISED Concept Paper due by COB November 15, 2013
22. Workshop in November or December