



HIGHLIGHTS OF POWER SUPPLY ADVISORY TEAM MEETING THURSDAY, JANUARY 23, 2020 – 10 a.m. – 2 p.m. at FIRST BAPTIST BROAD, Memphis, TN

PSAT Advisory Team Attendees included:

George Barnes	Martavius Jones	Mike Pohlman	Linda Williams - RISE
Harold Byrd	Richard Kelley	Randy Richardson	J.T. Young
Mark Halpern	Dwain Kicklighter	Josh Tolino	
Sally Heinz	Dennis Lynch	Jim West	
Jenn Hunsperger	Doug McGowen	Bobby White	
Eddie S. Jones Jr.	Bo Mills	Linda Williams-NAC	

Welcome – J.T. Young - Welcome and Safety Briefing

Introduction IRP process, what has been accomplished and what is next – Nelson Bacalao

- March 26 meeting – Provide recommendations, select best portfolio, Gap Analysis

Memphis Load Forecast, Energy Efficiency and Electrification update – Nelson Bacalao

Fuel Infrastructure and Forecast update – Nelson Bacalao

Resource Options Update – Nelson Bacalao / Yan Du

- Resource Final Assumptions and performance; added resources/eliminated resources
- Considerations on local land availability for PV

Other Model Considerations – Nelson Bacalao

- Capacity requirements and contribution of Solar and Wind.
- Representation of the balance of the Eastern Interconnection; zonal approach, resource additions and load forecast modeled

Transmission Analysis Update on MISO Interconnection – Yan Du & Nelson Bacalao

- Overall transmission plan has to be optimized for reliability and economics
- Transfer analysis to determine import/export capability

Long Term Capacity Expansion – Nelson Bacalao

- Lessons learned from previous Long-Term Capacity Expansion Results
- Relevance of MISO + Self-build versus MISO only strategy
- MISO + Self build Long-Term Capacity Expansion Results

Next Steps – Nelson Bacalao

- Model the low gas price and high demand Scenario and determine the LTCE
- Model the low demand scenario and determine the LTCE
- Run the Risk Analysis and select a preferred Portfolio
- Transmission analysis including PROMOD analysis
- Gap Analysis to identify among others, the cost of becoming a Balancing Authority, new staffing and overhead, planning, compliance, etc., cost of MISO membership, cost of community services provided by TVA, and others to determine the total costs of the Portfolio

- Assess the TVA only Strategy for comparison.
- Final assessments and recommendations
- Draft IRP report

Next meeting is Thursday, February 27, 10 a.m. - 2 p.m. at First Baptist Broad