

Southwest Power Pool, Inc.
HOLISTIC INTEGRATED TARIFF TEAM
SPP Holistic Integrated Tariff Team Meeting
Dallas, TX
December 4-5, 2018
• M E E T I N G M I N U T E S •

1. Welcome & Introductions

Chair Tom Kent (NPPD) called the meeting to order at 11:05AM.

2. Call to Order and Administrative Items

Tom Hestermann (December 4, 2018) and Ray Bergmeier (December 5, 2018) held proxy for Al Tamimi (SEPC).

3. HITT Issue No. 3

a. SPP Briefing on Att. AQ and recent load trends

Antoine Lucas (SPP) provided the group with an overview of the Attachment AQ study process for load point additions. Lucas noted that there has been a sharp increase in the number of NTCs that have been issued related to facilities approved through the AQ study process.

b. OPPD Economic Development & Load Growth

Joe Lang and Luke Haner (OPPD) presented OPPDs recent experience with a large load growth in their area by the way of a large data center. OPPD shared their thoughts on utilizing SPPs process for approving those load additions and provided some potential opportunities for improvement. Haner also discussed an option of utilizing costumer generation facilities (>10MW) during emergency situations.

4. RFIs

a. ERIS and ITP reliability upgrades (RFI 59 & 85)

RR 59 - Lucas provided the group with an analysis on whether or not facilities approved under the ERIS product are causing a need for additional reliability upgrades in the ITP. Lucas' analysis showed there has been minimal impact.

RR 85 – Lucas discussed the use of Highway Byway cost allocation funding for upgrades justified by generation with no TSRs. Lucas provided an overview of the characteristics of the ERIS and NRIS products, general information about the ITP Assessment process, and definitions of Capacity and Energy deliverability planning.

b. ARR Nomination Data (RFI 77 & 80)

Keith Collins (SPP MMU) provided analysis of prevailing flows and counter-flow auction revenue rights; including the importance of counter-flows in facilitating the prevailing flow. The analysis focused on highlighting auction revenue right bidding activity and awards by dollars for the market and by participant.

- c. MMU Data on Hours of non-market Ramp (RFI 81)
Collins described the MMUs analysis on how many MW of manual capacity commitments and the reasons why they happened. The analysis highlighted a histogram of the magnitude of the volume of capacity commitments and hourly averages.
- d. Self-Commitment & Base Load (RFI 82)
Collins provided an update on the amount of self-commitment resources since the beginning of 2017 relative to minimum and maximum loads.
- e. Generation Retirement (RFI 78)
Casey Cathey (SPP) described SPP Staffs efforts, based on an action item from the MOPC, at creating a robust generation retirement process to accurately Staff anticipates that a RR will be shared amongst the appropriate working groups in early 2019.
- f. Black Start (RFI 83)
Richard Dillon (SPP) confirmed there is not any compensation for Black Start included in the SPP Tariff. The requirement for Black Start is included in the SPP Operating Criteria.
- g. ERCOT ERS (RFI 84)
Dillon provided information from ERCOTs ERS study that changed their reserves to recognize faster moving generation. ERCOT stakeholders did not approve this concept for their ancillary services markets.
- h. GI's Holding Service (RFI 7)
Drew McGilvray (SPP) presented some statistics on to the amount of interconnection capacity that is currently not in use by interconnection customers, meaning that the customer installed less than what was contracted for in their GIA. As of October 2018, there were approximately 2300 MW of unused capacity. A large portion of the capacity is anticipated as future phases of existing facilities.

5. SPP Staff Summary of Possible HITT Recommendations

Suskie led a discussion regarding several potential recommendations that staff drafted based on all the HITT discussions to date.

6. Review/ Update of the RFI list and parking lot items

December 4 RFIs					
86	AQ Info	4	General information on AQ study projects	Antoine Lucas	

7. Other Items

N/A

8. Next Meetings

2019 HITT Team Meetings

- January 23-24, 2019 - Dallas, TX
- February 28-March 1, 2019 – Dallas, TX
- April 3-4, 2019 – Dallas, TX
- April 25, 2019 – Dallas, TX

9. Adjournment



Chair Kent adjourned the meeting at 11:57AM.



HITT Team Members Participating

Tom Kent, Chair (NPPD)
Rob Janssen (Dogwood Energy)
Shari Albrecht (KCC) - phone
Denise Buffington (Westar KCPL)
Holly Carias (NextEra)
Graham Edwards (SPP Director)
Dennis Florum (LES)
Bill Grant (Xcel SPS)
Dennis Grennan (NPRB)
Brett Leopold (ITC)
Greg McAuley (OGE)
Mike Risan (BEPC)
Richard Ross (AEP)
Tom Hestermann/Ray Bergmeier for Al Tamimi (Sunflower)
Mike Wise (GSEC)
Cindy Ireland (APSC) – CAWG Liaison

SPP Staff Attendance

Paul Suskie, Staff Secretary
Antoine Lucas
Ben Bright
Charles Locke - phone
CJ Brown - phone
Don Shipley
Gary Cate
Keith Collins (MMU)
Luke Hill
Richard Dillon
Tessie Kentner

HITT Meeting Participants

Aaron Doll (EDE)
Al Tamimi (SEPC)
Alex Crawford (SPP)
Alfred Busbee (ETEC)
Andy Berg (MRE)
Bernie Liu (Xcel Energy)
Bill Leung (NPRB)
Brian Johnson (AEP)
Brian Rounds (AESL)
Bruce Walkup (AECC)
C.J. Brown (SPP)
Calvin Daniels (WFEC)
Carrie Dixon (Xcel)
Casey Cathey (SPP)
Casey Cathey (SPP)
Charles Locke (SPP)
Chris Lyons (CES)
Christine Aarnes (KCC)
Daria Diaz (LPSC)
David Kays (OG&E)
Derek Sunderman (Tradewind Energy)
Don Frerking (KCPL Westar)
Drew McGilvray (SPP)
Ella Caillouette (NWE)
Greg Garst (OPPD)
Greg McAuley (OG&E)
J.P. Maddock (BEPC)
Jack Madden (GDS)
Jason Chaplin (OCC)
Jason Chaplin (OCC)
Jason Davis (SPP)
Jeff Knottek (CUS)
Jerry Bradshaw (CUS)
Jill Rummel (BEPC)
Jim Hotovy (NPPD)
Jim Jacoby (AEP)
JJ Guo (AEP)
Joe Fultz (GRDA)
Joe Lang (OPPD)
John Krajewski (NPRB)
John Stephens (CUS)
John Varnell (TNSK)
Josh Ross (SPP)
Justin Hinton (SPP)
Keith Collins (SPP MMU)
Kenny Hale (CUS)
Kevin Foflygen (CUS)
Kirk Hall (SPP)
Lanny Nickell (SPP)
Lee Elliott (SPP)
Lisa Szot (Enel)
Luke Haner (OPPD)
Malcolm Ainspan (NRG)
Marc Crisson (SPP Director)
Maria Tomac (BEPC)
Marisa Choate (SPP)
Mary Ann Zehr (TSGT)
Maurice Moss (CUS)
Michael Moffet (SEPC)
Natasha Henderson (GSEC)
Nicole Wagner (SPP)
Paul Malone (NPPD)
Richard Seide (Apex)
Robert Pick (NPPD)
Robert Shields (AECC)
Rodney Massman (MOPSC)
Ron Thompson (NPPD)
Shawn Geil (KEPCo)
Shawnee Claiborn-Pinto (PUCT)
Steve Gaw (Wind Coalition)
Stuart Lowry (SEPC)
Tim Hall (Southern Power)
Tom Christensen (BEPC)
Tom Hestermann (SEPC)
Vince Vandaveer (CUS)
Wes Berger (SPS/Xcel Energy)