



SOUTHWEST POWER POOL
IMPROVED RESOURCE AVAILABILITY TASK FORCE (IRATF)
May 25, 2022

Conference Call

SUMMARY OF MOTIONS AND ACTION ITEMS

By consent, the following agenda items were approved:

April 20, 2022 IRATF Minutes

May 25, 2022 Agenda

Agenda item 03 - New IRATF Timeline and Report

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MINUTES

AGENDA ITEM 1 – CALL TO ORDER, INTRODUCTIONS AND ADMINISTRATIVE ITEMS
Chairman Ted Thomas (APSC) called the meeting to order and a quorum was established.

AGENDA ITEM 2 – CONSENT AGENDA
The agenda and minutes were approved by consent.

AGENDA ITEM 3 – REVIEW IRATF TRACKING REPORT
Erin Cathey (SPP) reviewed the modified IRATF tracking report. Changes to the new IRATF tracking report include an overall IRATF timeline. Additionally, clarifying language was added to requirements SIR207: Fuel Assurance 1.2 - Evaluate fuel supply limitations in the seasonal Loss of Load Expectation (LOLE) studies and SIR208/209: Fuel Assurance 1.3/1.4 - Evaluate revising supply adequacy process to properly consider availability of resources during summer and winter seasons. The modifications to the IRATF Tracking Report were approved by consent.

AGENDA ITEM 4 – UPDATE SIR221, RESOURCE PLANNING AND AVAILABILITY (RPA) 2.1 AND SIR222, RPA2.2

Chris Haley (SPP) reported the Supply Adequacy Working Group (SAWG) is meeting Tuesday, May 31 and will continue discussing performance based accreditation for conventional resources along with discussion of the Winter LOLE study and Generation Sensitivity results.

AGENDA ITEM 5 -UPDATE: SIR219, RPA1.1-RPA1.3

Charles Cates (SPP) provided an overview of RPA1.1-RPA1.3 presentation, discussing reliability attributes today and in the future, as well as the resource capability assessment. William Holden (SPP) reviewed the importance of inertia for maintaining frequency on the Interconnection. Holden also reviewed primary frequency response (PFR), which is the automatic response of governor systems of resources to arrest detected changes in frequency by quickly increasing the MW output of the resource proportional to the frequency drop. Will Tootle (SPP) reviewed voltage support and reactive support voltage, which is required to balance voltage levels and to deliver real power (MW) across the transmission system. Temper Williams (SPP) reviewed contingency reserves defined as available ramp-able generation provided by resources that can

be deployed quickly in the event that generation is lost inside the SPP Reserve Sharing Group (RSG) footprint. Brett Springfield (SPP) reviewed black-start capability defined as a generating unit and its associated set of equipment that has the ability to be started without power, voltage and frequency support from the Interconnect. Resources that have black start capability are critical to restoring the Bulk Power System (BPS) after an extreme event where part or all of the Interconnect lost power. Based on information provided by the TOPs, SPP's current black start capability provides adequate coverage based on the TOPs' critical load and/or geographic needs for black start capability within their individual TOP footprints. Ryan Shoppe (SPP) reviewed ramp and its criticality to the system when conditions are rapidly changing. Kathryn Dial (SPP) reviewed SPP's summer and peak winter analysis of fuel mix and needed fuel assurance estimates. Working with the SAWG, SPP staff will use this information to help determine the appropriate calculation for fuel assurance by resource type along with how much total fuel assurance is required to operate the BA. Shoppe completed the presentation by reviewing flexibility of resources. Due to the changes in generation types, the SPP Balancing Authority will require some level of flexibility of resources in order to maintain the reliability of the grid.

AGENDA ITEM 6 -UPDATE: SIR213, FA2.3 – ROLE OF RTO IN GAS-ELECTRIC COORDINATION

Scott Aclin (SPP) reviewed recent outreach by SPP to the gas industry (Southern Star customer conference and SERC - Natural Gas and Electric Coordination Vision for the Future) as well as discussions with other RTOs.

AGENDA ITEM 8 – FUTURE MEETINGS

2022 Meeting Schedule

- *June 22, 2022 – Conference Call (1:00 pm)*
- *July 20, 2022 – Conference Call (1:00 pm)*
- *August 24, 2022 – Conference Call (1:00 pm)*
- *September 21, 2022 – Conference Call (1:00 pm)*
- *October 19, 2022 – Conference Call (1:00 pm)*
- *November 16, 2022 – Conference Call (1:00 pm)*
- *December 14, 2022 – Conference Call (1:00 pm)*

MEETING ADJOURNED.

MEMBERS

Ted Thomas (ARPSC) - Chair	Lane Sisung (LAPSC)
Natasha Henderson (Golden Spread) - Vice Chair	Randy Christmann (NDPSC)
Allen Klassen (Evergy)	Shari Albrecht (KCC)
Jeff Wells (GRDA) (proxy for Bryn Wilson)	Tom Hestermann (Sunflower)
Jim Jacoby (AEP)	Valerie Weigel (BEPC)
John Krajewski (NPRB)	Victor Schock (NDPSC)

PARTICIPANTS

Aaron Doll (Liberty Utilities)	Jerry Bradshaw (CUS)
Andrew French (KCC)	John Luallen (SPP)
Antoine Lucas (SPP)	John Varnell (Tanaska)
Ashley Gibbons (Xcel)	James Okenfuss (Savion)
Bakhtawar Khan (Gabel Assoc)	Jon Sunneberg (NPPD)
Barbara Stroope (SPP)	Joshua Philips (SPP)
Ben Elsey (Xcel)	JP Maddock (BEPC)
Bernard Liu (Xcel)	Justin Grady (KCC)
Bert Bressers (SPP)	Kathryn Dial (SPP)
Brad Cochran (OG&E)	Kayla Messamore (Evergy)
Brett Springfield (SPP)	Keith Collins (SPP)
Carrie Dixon (Xcel)	Kelli Schermerhorn (Northwestern)
Casey Cathey (SPP)	Kristie Fiegen (SDPUC)
Calvin Daniels (WFEC)	Kylah McNabb (Vesta)
Chandler Brown (SEPC)	Lanny Nickell (SPP)
Charles Cates (SPP)	Larry Holloway (KPP)
Charles Hendrix (SPP)	Lee Elliott (SPP)
Chris Bultsma (WAPA)	Malcolm Ainspan (NRG)
Chris Haley (SPP)	Margaret Quispe (SPP)
Christian Danielson (EN Engineering)	Marisa Choate (SPP)
Christine Aarnes (Sunflower)	Matt Alvarado (IUB)
Cindy Ireland (AR PSC)	Matt Pawloski (Nextera)
CJ Brown (SPP)	Nathan Tackett (SWPA)
Conner Sweet (CUS)	Phillip Choi (SPP)
Cristie Arnold (SPP)	Harika Basaran (PUCT)
Dallas Rowley (OGE)	Rebecca Atkins (MJMEUC)
Daniel Hall (Clean Power)	Ryan Johnson (ACES)
David Sonntag (WFEC)	Ryan S Kirk (AEP)
Debbie Currie (SPP)	Ryan Schoppe (SPP)
Don Frerking (SPP)	Scott Aclin (SPP)
Eric Samson (SPP)	Scott Maple (SPP)
Erin Cathey (SPP)	Talina Mathews (SPP)
Greg Rislov (SDPUC)	Temper Williams (SPP)
Heather Starnes (MJMEUC)	Will Tootle (SPP)



Jason Chaplin (OCC)
Jason Mazigian (BEPC)

William Holden (SPP)