

SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND POWER DISTRICT MEETING NOTICE AND AGENDA – AMENDED

POWER COMMITTEE

Thursday, November 16, 2023, 9:30 AM

**SRP Administration Building
1500 N. Mill Avenue, Tempe, AZ 85288**

Committee Members: Leslie C. Williams, Chairman; Keith Woods, Vice Chairman; and Nick Brown, Randy Miller, Krista O'Brien, Jack White Jr., and Stephen Williams

Call to Order
Roll Call

- 1. **CONSENT AGENDA:** The following agenda item(s) will be considered as a group by the Committee and will be enacted with one motion. There will be no separate discussion of these item(s) unless a Committee Member requests, in which event the agenda item(s) will be removed from the Consent Agenda and considered as a separate item CHAIRMAN LESLIE C. WILLIAMS

- Request for approval of the minutes for the meeting of October 26, 2023.

- 2. Recent Operational Experiences with Utility Scale Batteries CHRIS JANICK

Informational presentation regarding recent operational challenges with batteries on SRP’s transmission system and efforts to mitigate the impacts and reduce the frequency of such challenges.

- 3. Closed Session, Pursuant to A.R.S. §30-805(B), for the Committee to Consider Matters Relating to Competitive Activity, Including Trade Secrets or Privileged or Confidential Commercial or Financial Information, with Respect to the Bid in Response to a November Request for Proposals to Purchase 40 Megawatts of Zero-Carbon Energy Delivered to Palo Verde PAM SYRJALA and GRANT SMEDLEY

- 4. Closed Session, Pursuant to A.R.S. §30-805(B), for the Committee to Consider Matters Relating to Competitive Activity, Including Trade Secrets or Privileged or Confidential Commercial or Financial Information, with Respect to the 2023 All-Source Request for Proposals GRANT SMEDLEY and WILL FIELDER

- 5. Report on Current Events by the General Manager and Chief Executive Officer or Designees JIM PRATT

- 6. Future Agenda Topics.....CHAIRMAN LESLIE C. WILLIAMS

The Committee may vote during the meeting to go into Executive Session, pursuant to A.R.S. §38-431.03 (A)(3), for the purpose of discussion or consultation for legal advice with legal counsel to the Committee on any of the matters listed on the agenda.

The Committee may go into Closed Session, pursuant to A.R.S. §30-805(B), for records and proceedings relating to competitive activity, including trade secrets or privileged or confidential commercial or financial information.

Visitors: The public has the option to attend in-person or observe via Zoom and may receive teleconference information by contacting the Corporate Secretary's Office at (602) 236-4398. If attending in-person, all property in your possession, including purses, briefcases, packages, or containers, will be subject to inspection.



**THE NEXT POWER COMMITTEE MEETING
IS SCHEDULED FOR TUESDAY, DECEMBER 12, 2023**

MINUTES
POWER COMMITTEE MEETING

DRAFT

October 26, 2023

A meeting of the Power Committee of the Salt River Project Agricultural Improvement and Power District (the District) convened at 9:30 a.m. on Thursday, October 26, 2023, from the Hoopes Board Conference Room at the SRP Administration Building, 1500 North Mill Avenue, Tempe, Arizona. This meeting was conducted in-person and via teleconference in compliance with open meeting law guidelines. The District and Salt River Valley Water Users' Association (the Association) are collectively known as SRP.

Committee Members present at roll call were L.C. Williams, Chairman; K.B. Woods, Vice Chairman; and N.R. Brown, R.J. Miller, K.H. O'Brien, and J.M. White Jr.

Committee Member absent at roll was S.H. Williams.

Also present were President D. Rousseau; District Vice President C.J. Dobson; Board Members R.C. Arnett, M.J. Herrera, and A.G. McAfee; Council Vice Chairman J.R. Shelton; Council Liaison J.W. Lines; Mmes. I.R. Avalos, A.N. Bond-Simpson, M.J. Burger, A.P. Chabrier, L.F. Hobaica, M.R. Maser, L.A. Meyers, G.A. Mingura, D.D. Patterson, K.S. Ramaley, and C.M. Sifuentes; Messrs. T.N. Bright, J.D. Coggins, J.M. Felty, C.R. Janick, M.J. Laudone, K.J. Lee, A.J. McSheffrey, R. Navarro, B.K. Nielsen, M.J. O'Connor, B.A. Olsen, J.M. Pratt, and J.C. Statzer; Wardah Abbasi of Nextera Energy; Leo Bird of Bright Light Power; Nikos Bountas and Beth Bremer of Strata Clean Energy; Ian Calkins of Copper State Consulting Group; Akshay Shivaram and Zach Nelson of RWE Clean Energy; and Maggie Vettel and Ruhua You of Candela Renewables.

In compliance with A.R.S. §38-431.02, Andrew Davis of the Corporate Secretary's Office had posted a notice and agenda of the Power Committee meeting at the SRP Administration Building, 1500 North Mill Avenue, Tempe, Arizona, at 9:00 a.m. on Tuesday, October 24, 2023.

Chairman L.C. Williams called the meeting to order.

Consent Agenda

Chairman L.C. Williams requested a motion for Committee approval of the Consent Agenda, in its entirety.

On a motion duly made by Vice Chairman K.B. Woods and seconded by Board Member R.J. Miller, the Committee unanimously approved and adopted the following item on the Consent Agenda:

- Minutes of the Power Committee meeting on September 21, 2023, as presented

Corporate Secretary J.M. Felty polled the Committee Members on Vice Chairman K.B. Woods' motion to approve the Consent Agenda, in its entirety. The vote was recorded as follows:

YES:	Board Members L.C. Williams, Chairman; K.B. Woods, Vice Chairman; and N.R. Brown, R.J. Miller, K.H. O'Brien, and J.M. White Jr.	(6)
NO:	None	(0)
ABSTAINED:	None	(0)
ABSENT:	Board Member S.H. Williams	(1)

Generator Interconnection Process Overview and Proposed Revisions

Using a PowerPoint presentation, John D. Coggins, SRP Associate General Manager and Chief Power System Executive, stated that the purpose of the presentation was to provide information regarding SRP's current process of interconnecting generation to the transmission system and proposed revisions to SRP's Large Generator Interconnection Procedures and pro forma Large Generator Interconnection Agreements, including revisions to move to a First Ready, First Served (FRFS) and cluster study process for processing interconnection requests and to add generator replacement provisions, among other related revisions. He introduced Bryce K. Nielsen, SRP Director of Transmission Planning, Strategy, and Development.

Next, Mr. B.K. Nielsen provided overviews of the Open Access Transmission Tariff (OATT) and the Generator Interconnection Procedures. He broke down the procedures for current generator interconnection requests from 2015 through 2022.

Mr. B.K. Nielsen reviewed the solutions available to the utilities industry, SRP's cluster study process and timeline, and the FRFS interconnection process. He reviewed the proposed commercial readiness requirements; site control requirements; fees, deposits, and milestone payments; and transition process to FRFS.

Mr. B.K. Nielsen explained the differences of the proposal and the Federal Energy Regulatory Commission (FERC) final rule and other reforms included. He concluded with a summary of stakeholder comments and adjustments.

Messrs. J.D. Coggins and B.K. Nielsen responded to questions from the Committee.

Copies of the PowerPoint slides used in this presentation are on file in the Corporate Secretary's Office and, by reference, made a part of these minutes.

Messrs. T.N. Bright and M.J. Laudone left the meeting during the presentation. Board Member S.H. Williams; Board Member L.D. Rovey of the Association; Council Member I.M. Rakow; and Collin Thomas of Triple Oak Power entered the meeting during the presentation.

Executive Session: Revisions to Generator Interconnection Procedures and Generator Interconnection Agreements

Chairman L.C. Williams requested a motion to enter into executive session, pursuant to A.R.S. §38-431.03(A)(3), for the Committee to discuss or consult with attorneys for legal advice regarding revisions to Generator Interconnection Procedures and Generator Interconnection Agreements.

Wardah Abbasi of Nextera Energy; Leo Bird of Bright Light Power; Nikos Bountas and Beth Bremer of Strata Clean Energy; Ian Calkins of Copper State Consulting Group; Akshay Shivaram and Zach Nelson of RWE Clean Energy; Maggie Vettel and Ruhua You of Candela Renewables; and Collin Thomas of Triple Oak Power left the meeting.

On a motion duly made by Vice Chairman K.B. Woods, seconded by Board Member J.M. White Jr. and carried, the Committee convened into executive session at 10:13 a.m.

Corporate Secretary J.M. Felty polled the Committee Members on Vice Chairman K.B. Woods' motion to enter into executive session. The vote was recorded as follows:

YES:	Board Members L.C. Williams, Chairman; K.B. Woods, Vice Chairman; and N.R. Brown, R.J. Miller, K.H. O'Brien, J.M. White Jr., and S.H. Williams	(7)
NO:	None	(0)
ABSTAINED:	None	(0)
ABSENT:	None	(0)

The Committee reconvened into open session at 10:24 a.m. with the following members and other present: President D. Rousseau; District Vice President C.J. Dobson; Board Members R.C. Arnett, N.R. Brown, M.J. Herrera, A.G. McAfee, R.J. Miller, K.H. O'Brien, M.V. Pace, J.M. White Jr., L.C. Williams, S.H. Williams, and K.B. Woods; Board Member L.D. Rovey of the Association; Council Vice Chairman J.R. Shelton; Council Liaisons J.W. Lines and I.M. Rakow; Mmes. I.R. Avalos, A.N. Bond-Simpson, M.J. Burger, A.P. Chabrier, L.F. Hobaica, M.R. Maser, L.A. Meyers, G.A. Mingura, D.D. Patterson, K.S. Ramaley, and C.M. Sifuentes; and Messrs. J.D. Coggins, J.M. Felty, C.R. Janick, K.J. Lee, A.J. McSheffrey, R. Navarro, B.K. Nielsen, M.J. O'Connor, B.A. Olsen, J.M. Pratt, and J.C. Statzer.

Leo Bird of Bright Light Power; Ian Calkins of Copper State Consulting Group; Akshay Shivaram of RWE Clean Energy; Ruhua You of Candela Renewables; and Collin Thomas of Triple Oak Power entered the meeting.

Revisions to SRP's Large Generator Interconnection Procedures and Pro Forma Large Generator Interconnection Agreements

Chairman L.C. Williams announced that the Committee would hear statements from the public. None were presented.

There being no further comments, using a PowerPoint presentation, Mr. B.K. Nielsen concluded by requesting 1) approval of the reforms to the SRP Generator Interconnection Procedures, as proposed; 2) approval of the reforms to the pro forma Generator Interconnection Agreements, as proposed; 3) authorization of minor conforming changes to the Open Access Transmission Tariff; 4) authorization for the Associate General Manager and Chief Power System Executive or a delegatee to execute generator interconnection agreements provided they do not vary materially from the pro formas; and 5) approval of the integration of the Small Generator Interconnection Procedures into the SRP Generator Interconnection Procedures.

A motion was made by Board Member R.J. Miller and seconded by Board Member K.H. O'Brien to table the agenda item until the next Power Committee meeting.

Corporate Secretary J.M. Felty polled the Committee Members on Board Member R.J. Miller's motion to table the agenda item until the next Power Committee meeting. The motion failed for lack of a majority vote. The vote was recorded as follows:

YES:	Board Members R.J. Miller and K.H. O'Brien	(2)
NO:	Board Members L.C. Williams, Chairman; K.B. Woods, Vice Chairman; and N.R. Brown, J.M. White Jr., and S.H. Williams	(5)
ABSTAINED:	None	(0)
ABSENT:	None	(0)

On a motion duly made by Vice Chairman K.B. Woods, seconded by Board Member S.H. Williams and carried, the Committee agreed to recommend Board approval, as presented.

Corporate Secretary J.M. Felty polled the Committee Members on Vice Chairman K.B. Woods' motion to recommend Board approval. The vote was recorded as follows:

YES:	Board Members L.C. Williams, Chairman; K.B. Woods, Vice Chairman; and N.R. Brown, J.M. White Jr., and S.H. Williams	(5)
NO:	Board Members R.J. Miller and K.H. O'Brien	(2)
ABSTAINED:	None	(0)
ABSENT:	None	(0)

Copies of the PowerPoint slides used in this presentation are on file in the Corporate Secretary's Office and, by reference, made a part of these minutes.

Mr. M.J. Laudone entered the meeting during the presentation.

Renewable Energy Certificate (REC)
Agreement with the City of Phoenix

Using a PowerPoint presentation, John C. Tucker, SRP Director of Strategic Energy Management, stated that the purpose of the presentation was to request approval to enter into an agreement with the City of Phoenix under which SRP will retire, on behalf of the City of Phoenix, RECs from the existing 20 Megawatt (MW) Copper Crossing Solar Facility.

Mr. J.C. Tucker provided background information regarding SRP and the City of Phoenix's long-standing working relationship and their commitment to collaborate in achieving goals for drought resilience and carbon-emission reductions. He highlighted the key terms of the Agreement as follows: 1) price will be set at \$0.005 per Kilowatt-hour (kWh) for each retired REC for up to 50,400 Megawatt-hours (MWh) per year of capacity; 2) capacity will be provided by the Copper Crossing Solar Facility; and 3) the term will be for approximately 10 years with the agreement terminating upon any termination of the Biomass Cost Share Agreement.

Mr. J.C. Tucker stated that SRP will retain ownership and will retire the RECs on behalf of the City of Phoenix, which will count towards SRP's carbon reduction goal. He concluded by requesting approval authorizing the Interim Associate General Manager and Chief Customer Executive, Associate General Manager and Chief Planning, Strategy, and Sustainability Executive, President, Vice President, or General Manager and Chief Executive Officer to execute a REC Agreement with the City of Phoenix and any subsequent amendments to such agreement that do not materially modify the terms of the agreement.

On a motion duly made by Board Member S.H. Williams, seconded by Vice Chairman K.B. Woods and carried, the Committee agreed to recommend Board approval, as presented.

Corporate Secretary J.M. Felty polled the Committee Members on Board Member S.H. Williams' motion to recommend Board approval. The vote was recorded as follows:

YES:	Board Members L.C. Williams, Chairman; K.B. Woods, Vice Chairman; and R.J. Miller, K.H. O'Brien, J.M. White Jr., and S.H. Williams	(6)
NO:	Board Member N.R. Brown	(1)
ABSTAINED:	None	(0)
ABSENT:	None	(0)

Copies of the PowerPoint slides used in this presentation are on file in the Corporate Secretary's Office and, by reference, made a part of these minutes.

Mmes. M.R. Maser, D.D. Patterson, and K.S. Ramaley; Messrs. C.R. Janick, B.K. Nielsen, and J.C. Statzer; and Akshay Shivaram and Ruhua You of RWE Clean Energy left the meeting during the presentation. Mmes. E.N. Barton and K.A. Munroe; Messrs. S.J. Lopez and J.C. Tucker; and Mark Boyadjian and Roger Halbakken of Arevia Power entered the meeting during the presentation. Zach Nelson of RWE Clean Energy entered and left the meeting during the presentation.

Closed Session: Proposed Amendment of a Renewable Energy Supply Agreement with a Large Industrial Customer

Chairman L.C. Williams called for a closed session for the Power Committee at 10:47 a.m., pursuant to A.R.S. §30-805(B), for the Committee to consider matters relating to competitive activity, including trade secrets or privileged or confidential commercial or financial information, with respect to a proposed amendment of Renewable Energy Supply Agreement with a large industrial customer.

Mr. M.J. Laudone; Mark Boyadjian and Roger Halbakken of Arevia Power; Zach Nelson of RWE Clean Energy; and Collin Thomas of Triple Oak Power left the meeting.

The Committee reconvened into open session at 11:03 a.m. with the following members and other present: President D. Rousseau; District Vice President C.J. Dobson; Board Members R.C. Arnett, N.R. Brown, M.J. Herrera, A.G. McAfee, R.J. Miller, K.H. O'Brien, M.V. Pace, J.M. White Jr., L.C. Williams, S.H. Williams, and K.B. Woods; Board Member L.D. Rovey of the Association; Council Vice Chairman J.R. Shelton; Council Liaisons J.W. Lines and I.M. Rakow; Mmes. I.R. Avalos, E.N. Barton, A.N. Bond-Simpson, M.J. Burger, A.P. Chabrier, L.F. Hobaica, K.A. Munroe, L.A. Meyers, G.A. Mingura, and C.M. Sifuentes; and Messrs. J.D. Coggins, J.M. Felty, K.J. Lee, S.J. Lopez, A.J. McSheffrey, R. Navarro, M.J. O'Connor, B.A. Olsen, J.M. Pratt, and J.C. Tucker.

Mr. M.J. Laudone; Mark Boyadjian and Roger Halbakken of Arevia Power; Zach Nelson of RWE Clean Energy; and Collin Thomas of Triple Oak Power entered the meeting.

Report on Current Events by the General Manager and Chief Executive Officer or Designees

There was no report on current events by Jim M. Pratt, SRP General Manager and Chief Executive Officer.

Future Agenda Topics

Chairman L.C. Williams asked the Committee if there were any future agenda topics. None were requested.

There being no further business to come before the Power Committee, the meeting adjourned at 11:04 a.m.

John M. Felty
Corporate Secretary

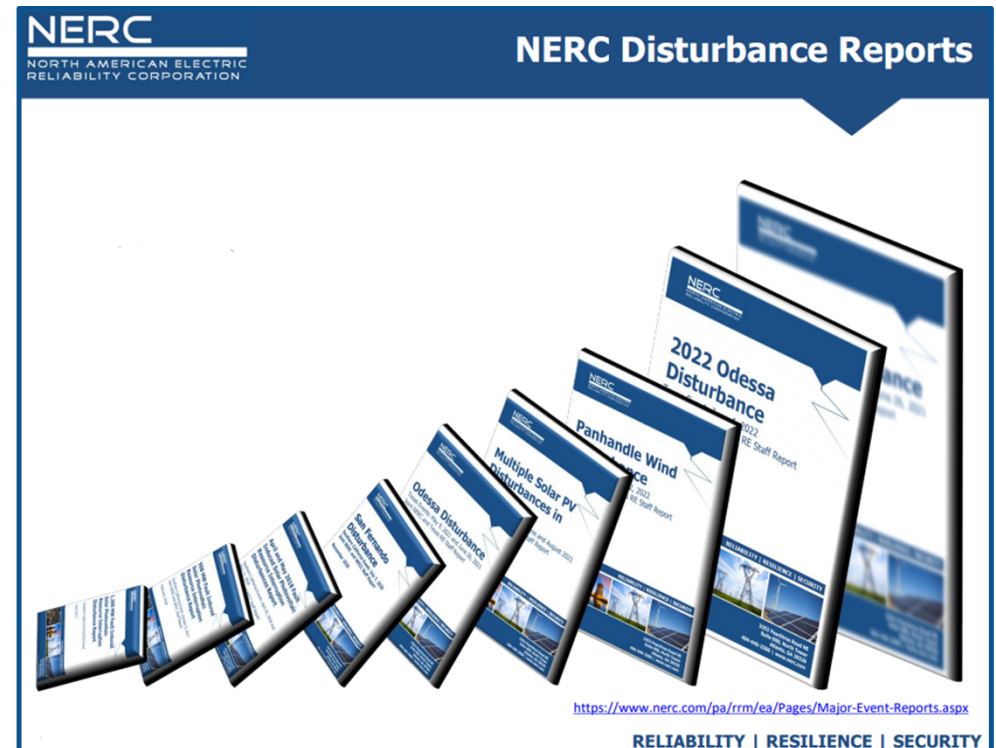
An aerial photograph of a large dam and reservoir situated in a deep, rugged canyon. The canyon walls are composed of layered, reddish-brown rock. The reservoir is a deep blue color, and the dam is a long, low structure across the river. The sky is a clear, pale blue.

Recent Operational Experiences with Utility Scale Batteries

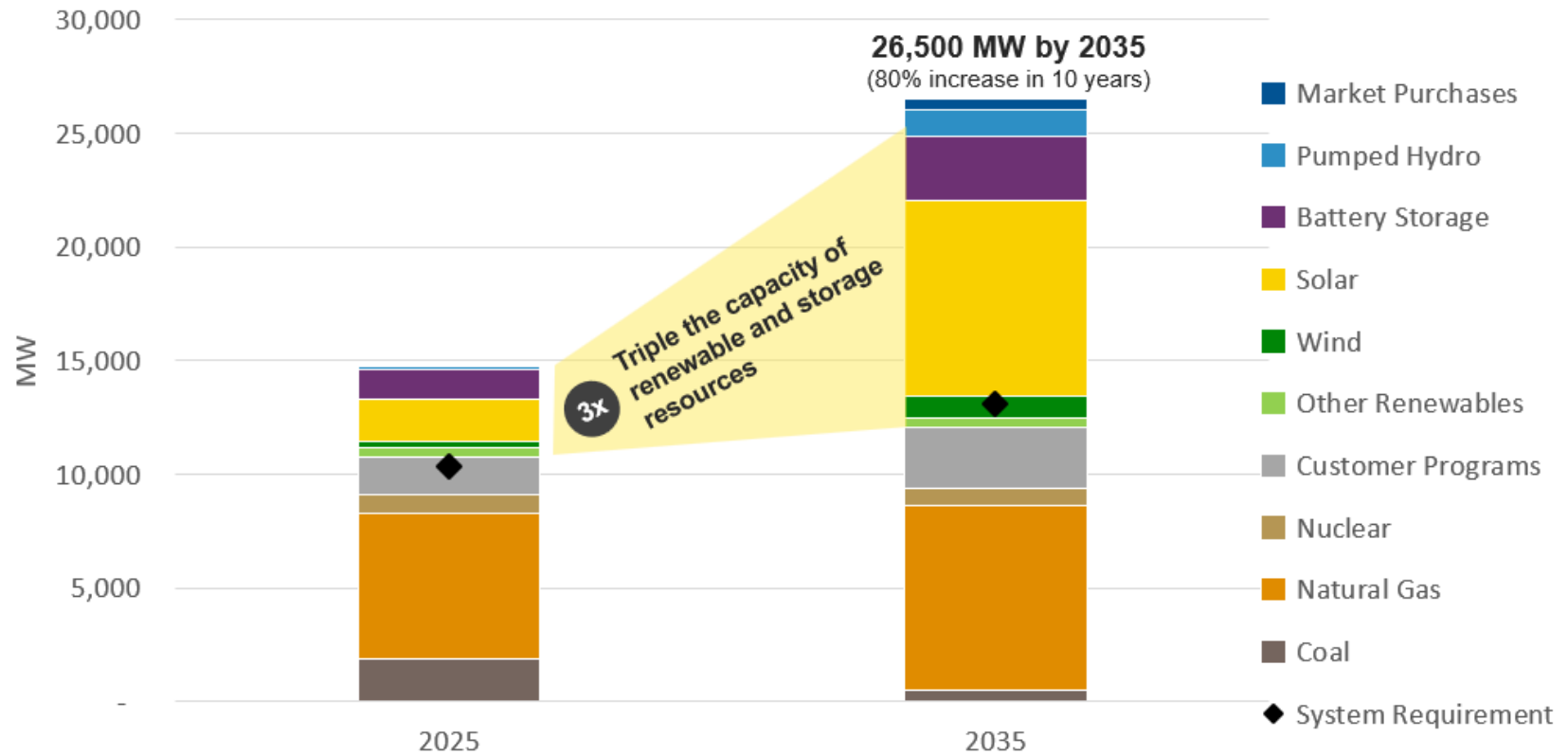
Chris Janick, Senior Director, Power Delivery | November 16, 2023

Major System Events with Inverter Based Resources

- Numerous experiences with significant generation tripping offline
- Primarily related to issues with inverter settings preventing “ride through”



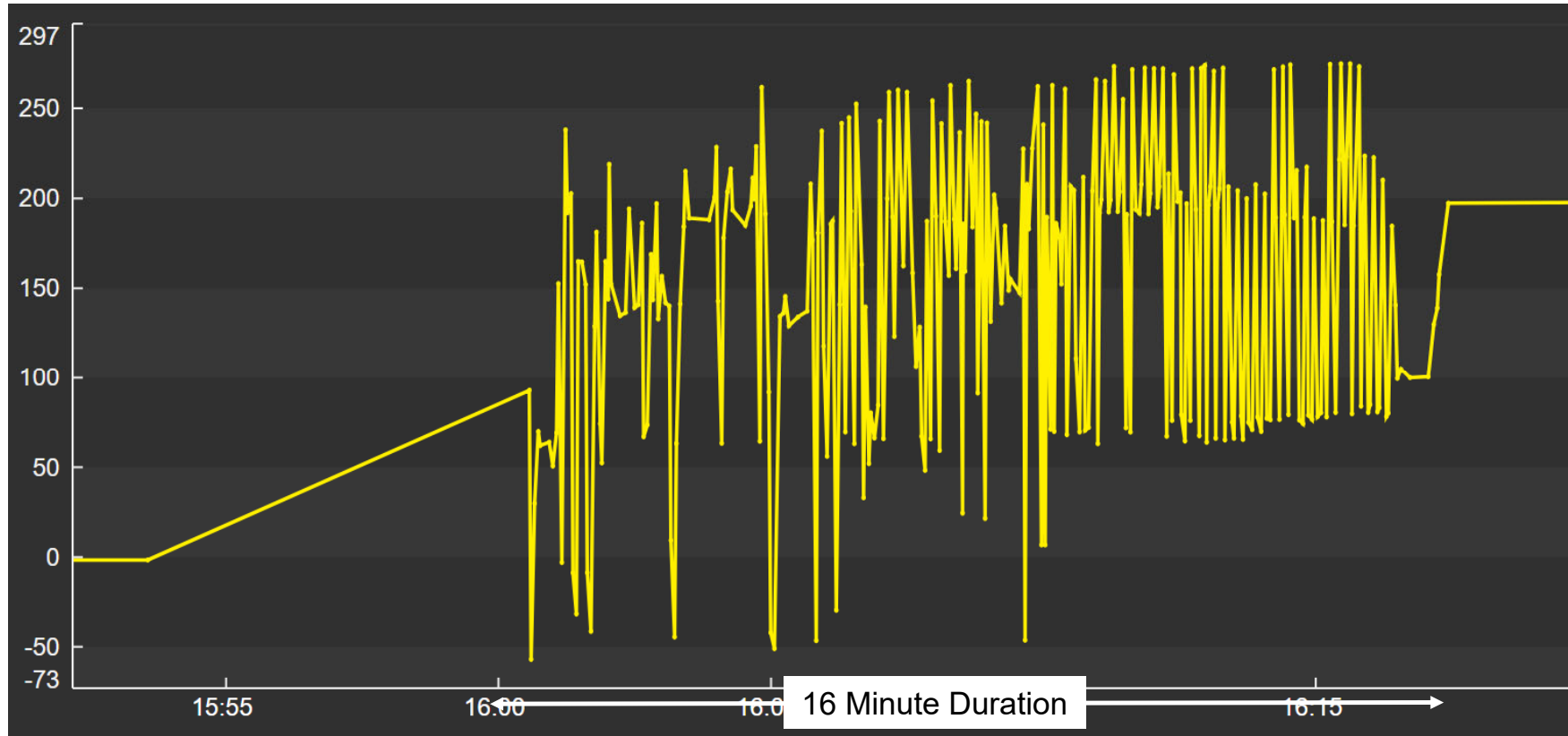
SRP Growth in Inverter Based Resources



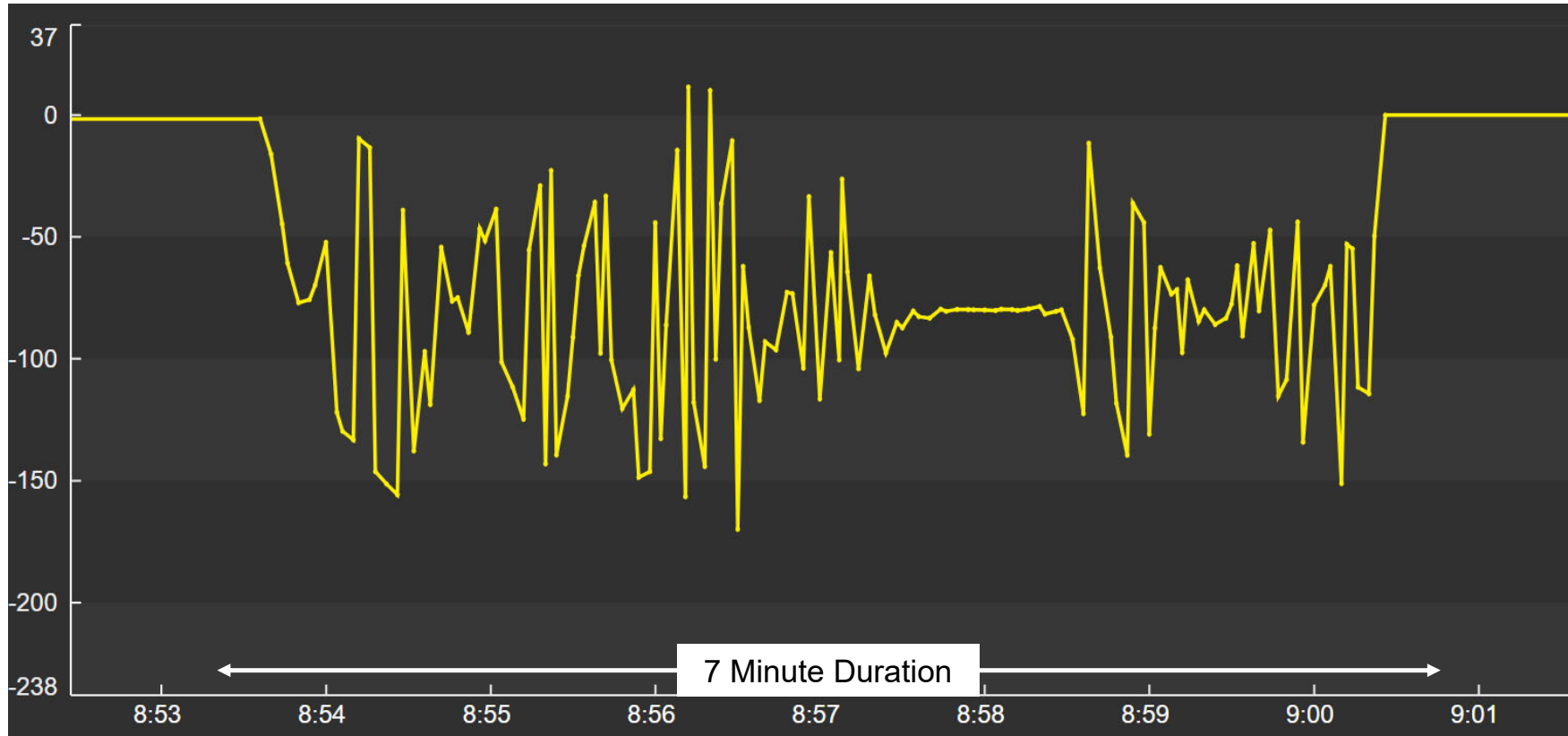
Operational Readiness



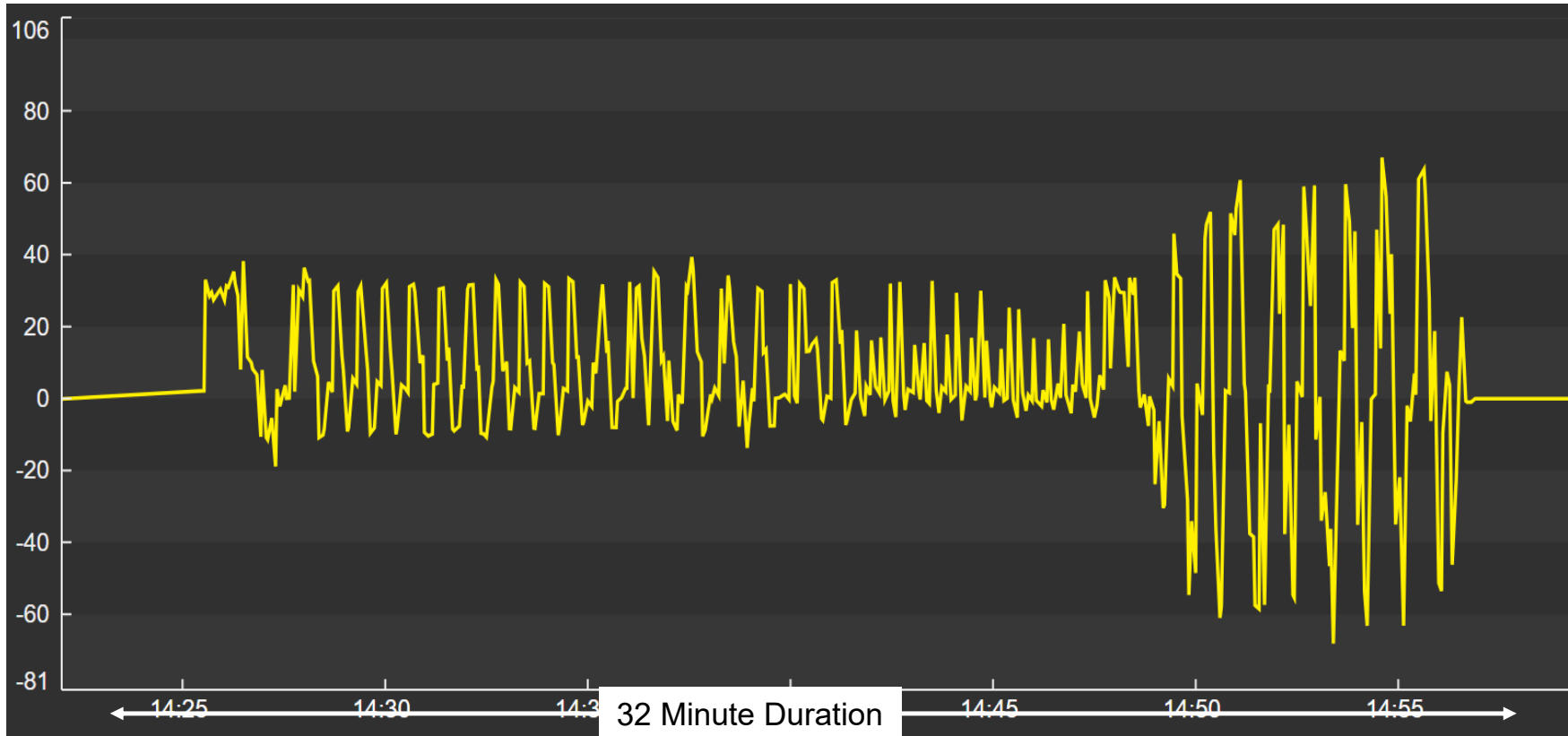
Sonoran – September 20, 2023



Sonoran – November 1, 2023



Storey – November 3, 2023

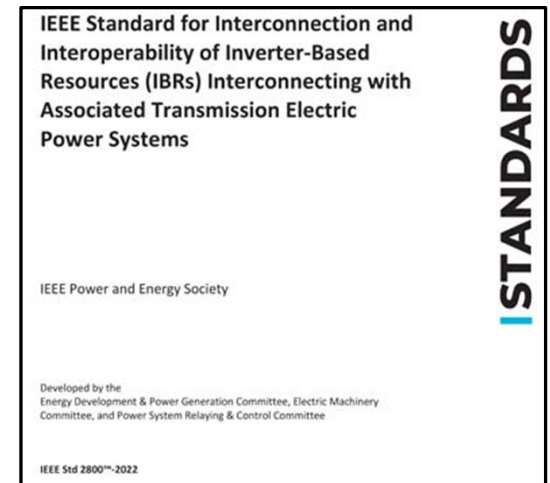


Causes & Corrective Actions

- Common theme = improper software settings
- Numerous contributing factors
- Corrective actions (beyond fixing the settings)
 - Enhanced monitoring (on site and at remote control center)
 - Constraining output during commissioning
 - Improved alarming
 - Strengthened internal controls related to commissioning

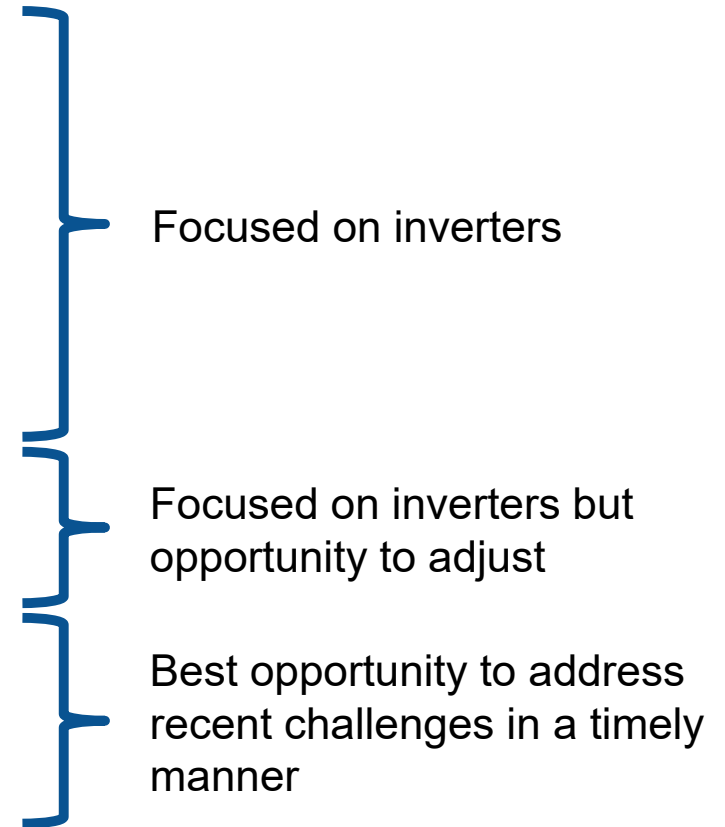
Actions Being Taken by Industry & Regulators

- Institute of Electrical and Electronics Engineers (IEEE) standards
- North American Electric Reliability Corporation (NERC) reliability standards
- Regional Transmission Organizations (RTO's) establishing technical requirements
- Electric Power Research Institute (EPRI) supplemental project
- North American Transmission Forum (NATF) initiative on best practices for generator interconnection requirements



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thank you!