

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

POWER COMMITTEE Thursday, May 22, 2025, 9:30 AM

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

Committee Members: Jack White Jr., Chair; and Leslie C. Williams, Vice Chair; and
Casey Clowes, Randy Miller, Kathy Mohr-Almeida, Mark Pace, and Paul Rovey

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 CHAIR JACK WHITE JR.

- Request for approval of the minutes for the meeting of April 24, 2025.

2. Coronado Generating Station (CGS) Coal-to-Gas Conversion Opportunity
..... GRANT SMEDLEY

Informational presentation responding to questions related to the opportunity to convert CGS from coal to gas.

3. Executive Session, Pursuant to A.R.S. §38-431.03(A)(9) for Discussions or Consultations with Designated Representatives of SRP with Respect to the Results of the Western Electricity Coordinating Council (WECC) Audit of SRP
..... DELIA PATTERSON

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 a Request for Approval to Enter into a Transaction with Southwest Public Power Agency, Inc. for the District's Purchase of 100 Megawatts (MW) from a 300 MW Solar Generating Facility GRANT SMEDLEY

5. 2025 SRP Summer Preparedness PAM SYRJALA and MELISSA MARTINEZ

Informational presentation summarizing SRP's activities to prepare for meeting forecasted load in Summer 2025.

6. 2025 SRP Summer Preparedness Wildfire Mitigation Update JACE KERBY

Informational presentation regarding SRP's Wildfire Mitigation Plan for Summer 2025.

7. Report on Current Events by the General Manager and Chief Executive Officer and Designees JIM PRATT
8. Future Agenda Topics CHAIR JACK WHITE JR.

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, JUNE 24, 2025**

05/15/2025

MINUTES
POWER COMMITTEE MEETING

DRAFT

April 24, 2025

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, April 24, 2025, 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, Vice Chair; and R.J. Miller, K.L. Mohr-Almeida, M.V. Pace, and P.E. Rovey.

Committee Members absent at roll call were J.M. White Jr., Chair; and C. Clowes.

Also present were Vice President C.J. Dobson; Board Members N.R. Brown, M.J. Herrera, S.D. Kennedy, L.D. Rovey, and S.H. Williams; Council Chair J.R. Shelton; Council Liaison G.E. Geiger; Council Members E.L. Gorsegger, J.W. Lines, B.E. Paceley, C. Resch-Geretti, W.P. Schrader III, and N.J. Vanderwey; S.W. Anderson, I.R. Avalos, A.N. Bond-Simpson, M.J. Burger, A.P. Chabrier, J.D. Coggins, T. Cooper, D.W. Dreiling, J.M. Felty, W.C. Fielder, J.V. Giacalone, C.M. Hallows, Z.J. Heim, L.F. Hobaica, C.N. Hunter, M.M. Klein, B.J. Koch, K.J. Lee, B.J. McClellan, L.A. Meyers, G.A. Mingura, N.P. Morey, T.A. Murdock, B.A. Olsen, D.D. Patterson, J.M. Pratt, J.R. Schuricht, P.B. Sigl, and G.M. Smedley of SRP; Emily Abbott and Maureen Boyd of Invenergy; Ian Calkins of Copper State Consulting Group; Jessie Ciulla Shea and Eric Watson of Energy Dome; John Deese of Origis Energy; Emily Doerfler of Western Resource Advocates (WRA); Kelly Goodman, Sloane Klonsky, Paul Notti, Andrew White, and Aram Zamgochian of ESS Tech Inc. (ESS Inc.); Autumn Johnson of Tierra Strategy; Cathy Kim of Copia Power; Daniel Klausner, Vamsi Manda, Prachi Raina, and Abbas Seltzer of Houlihan Lokey, Inc.; Georgia Morgan of Primergy Solar LLC; and Samantha Salton of Strata Clean Energy.

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, April 22, 2025.

Vice Chair L.C. Williams called the meeting to order.

Consent Agenda

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

On a motion duly made by Board Member M.V. Pace and seconded by Board Member K.L. Mohr-Almeida, the Committee unanimously approved and adopted the following item on the Consent Agenda:

- Minutes of the Power Committee meeting on March 25, 2025, as presented.

Corporate Secretary J.M. Felty polled the Committee Members on Board Member M.V. Pace's motion to approve the Consent Agenda, in its entirety. The vote was recorded as follows:

YES:	Board Members L.C. Williams, Vice Chair; and R.J. Miller, K.L. Mohr-Almeida, M.V. Pace, and P.E. Rovey	(5)
NO:	None	(0)
ABSTAINED:	None	(0)
ABSENT:	Board Members J.M. White Jr., Chair; and C. Clowes	(2)

Long-Duration Energy Storage (LDES) Pilot Request for Proposals (RFP) Update

Using a PowerPoint presentation, Chico N. Hunter, SRP Manager of Innovation and Development, stated that the purpose of the presentation was to provide information regarding an update on the LDES pilot RFP for the installation at the Coronado Generation Station (CGS) and the Copper Crossing Energy and Research Center (CCERC).

C.N. Hunter said that LDES drivers include the following: 1) carbon intensity goals; 2) high load growth; 3) storage resource diversity; and 4) many emerging storage technologies. They presented the megawatt (MW) capacity from Financial Plan 2026 (FP26) through Fiscal Year 2035 (FY35) for solar, wind, and storage.

C.N. Hunter provided the following overview of the work-to-date on LDES: 1) 2022 RFP LDES pilots; 2) 2023 Request for Information (RFI) for non-inverter based LDES; 3) objectives – gain experience, test in Arizona environment, and advancement in promising technologies. They provided an aerial view map of the CCERC.

C.N. Hunter said that the 2024 LDES pilot RFP issued for the inverter-based pilot at CCERC consisted of 12 bidders, 11 met all required criteria, 5 MW/10-hour duration, 10-year Energy Storage Agreements (ESA), and Commercial Operation Date (COD) no later than March 2028. They said that the non-inverter-based pilot at CGS consisted of 8 bidders, 7 met all required criteria, 5-50 MW/10-hour duration, 20-year ESA, and COD no later than September 2029.

C.N. Hunter presented a project schedule of presentations to the Power Committee and next steps from April 2025 through September 2029. They said that the pilot scoring criteria and weighing percentages include the following categories: operational characteristics – 27%; pilot cost – 18%; completion and technology risk – 17%; potential

economic competitiveness – 15%; safety – 10%; sustainability and environmental – 8%; and siting impacts – 5%.

C.N. Hunter provided the CCERC inverter-based evaluation, the RFP score, and highlighted that ESS Inc. is the tentative selection. They described ESS Inc.'s technology for the CCERC pilot and presented a rendering of ESS Inc.'s energy base.

C.N. Hunter provided the CGS non-inverter-based evaluation, reviewed the RFP score, and highlighted that Energy Dome is the tentative selection. They described Energy Dome's technology for the CGS pilot and presented a rendering for the 19 MW, 10-hour project, together with a rendering of Energy Dome's 2.5 MW, 1.6-hour project in Italy that went online in 2022.

C.N. Hunter concluded with a discussion regarding next steps. They 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.

Georgia Morgan of Primergy Solar LLC; and Aram Zamgochian of ESS Inc. left the meeting during the presentation. Council Member R.W. Swier; A. Almodova, C.A. Friedrich, and C.M. Sifuentes-Kohlbeck of SRP; Leo Bird of Bright Night Power; Nick Schlag of Energy and Environmental Economics, Inc. (3E); and Max Stein of Clēnera entered the meeting during the presentation.

CGS Coal-to-Gas Conversion Opportunity

Using a PowerPoint presentation, Grant M. Smedley, SRP Director of Resource Planning, Acquisition, and Development, stated that the purpose of the presentation was to provide information regarding the opportunity to convert CGS from coal to gas and a comparison with alternatives that provide comparable capacity and energy.

G.M. Smedley presented a chart of remaining summer capacity needs from FY26 through FY35. They said that the FP26 resource plan includes a diverse mix of resource additions, and more than doubles the capacity of SRP's generation portfolio by FY35, consistent with the findings of the Integrated System Plan (ISP).

G.M. Smedley summarized key takeaways from the ISP as follows: 1) SRP will need to more than double resource capacity in the next decade; 2) firm capacity and renewables are part of least-cost portfolio in all scenarios; 3) without new firm generation capacity, the system cannot meet reliability requirements under a high load growth scenario; and 4) strategic investment in existing assets is one of the Board-approved ISP system strategies. They highlighted the following developments since the ISP: 1) completed the CGS repurposing study – SRP intends to repurpose the CGS site in two phases; 2) United States Environmental Protection Agency (U.S. EPA) issued its final rule for greenhouse gas emissions – conversion of coal units to gas by

end of 2029 is a compliance option; 3) load forecast continues to grow; and 4) capital needs across SRP continue to increase.

G.M. Smedley discussed the strategies, benefits, and challenges for replacing CGS capacity. They also outlined the capital cost, operating cost, total cost, and total carbon reduction through 2045 for replacing the capacity at CGS.

G.M. Smedley provided a coal-to-gas conversation timeline from 2025 through 2030. They concluded with a discussion regarding key takeaways.

G.M. Smedley 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.

T. Cooper of SRP; Emily Abbott and Maureen Boyd of Invenergy; Jessie Ciulla Shea of Energy Dome; Kelly Goodman of ESS Inc.; and Daniel Klausner of Houlihan Lokey, Inc. left the meeting during the presentation.

2024 All-Source RFP Update

Using a PowerPoint presentation, Will C. Fielder, SRP Resource Acquisition Lead, stated that the purpose of the presentation was to provide information regarding carbon-free and long-development projects selected from the 2024 All-Source RFP.

W.C. Fielder reviewed a timeline of presentations to the Power Committee regarding the 2024 All-Source RFP process from February 2024 to date. They said that the final selection process includes the following steps: 1) shortlisted projects; 2) negotiation of key terms for each project and obtain final pricing; 3) compare key business terms; and 4) project selections.

W.C. Fielder summarized key takeaways from the ISP as follows: 1) SRP will need to more than double resource capacity in the next decade; and 2) firm capacity and renewables are part of least-cost portfolio in all scenarios. They said that the FP26 resource plan includes a diverse mix of resource additions, and more than doubles the capacity of SRP's generation portfolio by FY35, consistent with the findings of the ISP.

W.C. Fielder concluded with a summary of 2023 All-Source RFP procurements and a summary of anticipated 2024 All-Source RFP procurements. They 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.

C.A. Friedrich, M.M. Maribeth, and T.A. Murdock of SRP left the meeting during the presentation.

Closed Session: 2024 All-Source RFP

Vice Chair L.C. Williams called for a closed session of the Power Committee at 10:32 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 the 2024 All-Source RFP.

S.W. Anderson, D.W. Dreiling, Z.J. Heim, N.P. Morey, and J.R. Schuricht of SRP; Leo Bird of Bright Night Power; Ian Calkins of Copper State Consulting Group; John Deese of Origis Energy; Emily Doerfler of WRA; Autumn Johnson of Tierra Strategy; Cathy Kim of Copia Power; Sloane Klonsky, Paul Notti, and Andrew White of ESS Inc.; Vamsi Manda, Prachi Raina, Abbas Seltzer of Houlihan Lokey, Inc.; Samantha Salton of Strata Clean Energy; Nick Schlag of 3E; Max Stein of Clēnera; and Eric Watson of Energy Dome left the meeting.

The Committee reconvened into open session at 10:45 a.m. with the following Members and others present: Vice President C.J. Dobson; Board Members N.R. Brown, M.J. Herrera, S.D. Kennedy, R.J. Miller, K.L. Mohr-Almeida, M.V. Pace, L.D. Rovey, P.E. Rovey, L.C. Williams, and S.H. Williams; Council Chair J.R. Shelton; Council Liaison G.E. Geiger; Council Members E.L. Gorsegrner, J.W. Lines, B.E. Paceley, C. Resch-Geretti, W.P. Schrader III, R.W. Swier, and N.J. Vanderwey; and I.R. Avalos, A.N. Bond-Simpson, M.J. Burger, A.P. Chabrier, J.D. Coggins, J.M. Felty, W.C. Fielder, J.V. Giacalone, C.M. Hallows, L.F. Hobaica, C.N. Hunter, B.J. Koch, K.J. Lee, B.J. McClellan, L.A. Meyers, G.A. Mingura, B.A. Olsen, D.D. Patterson, J.M. Pratt, C.M. Sifuentes-Kohlbeck, P.B. Sigl, and G.M. Smedley of SRP entered the meeting.

Closed Session: Expansion Proposals
for Natural Gas Transportation Capacity

Vice Chair L.C. Williams called for a closed session of the Power Committee at 10:46 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 expansion proposals for natural gas transportation capacity being considered by SRP.

The Committee reconvened into open session at 11:07 a.m. with the following Members and others present: Vice President C.J. Dobson; Board Members N.R. Brown, M.J. Herrera, S.D. Kennedy, R.J. Miller, K.L. Mohr-Almeida, M.V. Pace, L.D. Rovey, P.E. Rovey, L.C. Williams, and S.H. Williams; Council Chair J.R. Shelton; Council Liaison G.E. Geiger; Council Members E.L. Gorsegrner, J.W. Lines, B.E. Paceley, C. Resch-Geretti, W.P. Schrader III, R.W. Swier, and N.J. Vanderwey; and I.R. Avalos, A.N. Bond-Simpson, M.J. Burger, A.P. Chabrier, J.D. Coggins, J.M. Felty, J.V. Giacalone, C.M. Hallows, L.F. Hobaica, R.T. Judd, B.J. Koch, K.J. Lee, B.J. McClellan, L.A. Meyers, G.A. Mingura, B.A. Olsen, D.D. Patterson, J.M. Pratt, C.M. Sifuentes-Kohlbeck, P.B. Sigl, and G.M. Smedley of SRP entered the meeting.

A. Almodova, S.W. Anderson, D.W. Dreiling, Z.J. Heim, N.P. Morey, and J.R. Schuricht of SRP; Ian Calkins of Copper State Consulting Group; and Samantha Salton of Strata Clean Energy entered the meeting.

Open Inverter-Based Resources (IBRs)

Using a PowerPoint presentation, Scott W. Anderson, SRP Director of Operational Readiness, stated that the purpose of the presentation was to provide an overview of large utility-scale IBRs, including how SRP is effectively scaling them up and how that compares to smaller renewables at residences.

S.W. Anderson discussed the background on the foundational debate between direct current (DC) and alternating current (AC). They said that a big question being asked today is whether renewable energy resources should be connected to the transmission system or at residences. S.W. Anderson explained the transition of a traditional grid to an inverter centric grid (modern and future grid) and highlighted that inverters are a key component of the future grid.

S.W. Anderson broke down how generation services support the grid and how regulation (seconds to minutes) balance generation supply with customer demand. They further broke down the inertial response (milliseconds to seconds) for traditional resources (inertia from spinning masses) and IBRs (no spinning masses, no inertia).

S.W. Anderson said that based on learnings from 2015 to date and applying them to the future is having a positive impact on the US utility scale for IRB reliability (2015 to 2035) as it relates to solar, battery, and wind. They reported that on August 16, 2016, the Blue Cut Fire, northeast of Los Angeles, tripped 1,200 MW of inverters, and referenced the North American Electric Reliability Corporation (NERC) June 2017 report *"1,200 MW Fault Induced Solar Photovoltaic Resource Interruption Disturbance Report."*

S.W. Anderson provided an overview of the technical requirements for utility scale IBRs and residential IBRs. They said that SRP conducted an advanced inverter pilot in 2019 and found that the inverters helped control voltage. S.W. Anderson noted that SRP's Advanced Distribution Management System (ADMS) can control all voltage devices together; however, the costs and benefits did not support connecting to every inverter.

S.W. Anderson discussed the management of energy resources at residences, distribution enablement – interconnection improvements, and the addition of IBRs at scale to SRP's grid operations. They concluded with a summary as follows: the utility-scale IBR approach has been done more quickly, reliably, and cost-effectively than what could have been done with IBRs at residences and that SRP could not have scaled up IBRs at residences quickly enough to meet the demand SRP is faced with.

S.W. Anderson 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.

A.N. Bond-Simpson, J.V. Giacalone, C.M. Hallows, T.B. Perry, and G.M. Smedley of SRP; and Ian Calkins of Copper State Consulting Group left the meeting during the presentation.

Distributed Solar Option (DSO) – Program Extension

Using a PowerPoint presentation, Nathan P. Morey, SRP Director of Customer Programs, stated that the purpose of the presentation was to request approval to extend SRP's DSO program through April 30, 2028.

N.P. Morey provided the following background information regarding SRP's DSO program: 1) the solar industry proposed a new financing model where solar provider owns solar system and sells power output directly to customer; 2) the industry petitioned the Arizona Corporation Commission (ACC) to allow this model without being regulated as a utility; 3) the ACC issued a ruling on July 12, 2010; 4) in December 2010, SRP's Board approved a model similar to the ACC, referred to as the DSO; and 5) currently, SRP has 100 customers sited DSO projects. They broke down the current load and recent customer additions under the DSO program.

N.P. Morey presented SRP's DSO model, depicting the relationship among the customer, solar vendor and SRP, which is similar to the ACC's model. They concluded by requesting approval to extend SRP's DSO program through April 30, 2028.

N.P. Morey responded to questions from the Committee.

On a motion duly made by Board Member M.V. Pace, seconded by Board Member P.E. Rovey and carried, the Committee agreed to recommend Board approval, as presented.

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

YES:	Board Members L.C. Williams, Vice Chair; and R.J. Miller,	(5)
	K.L. Mohr-Almeida, M.V. Pace, and P.E. Rovey	
NO:	None	(0)
ABSTAINED:	None	(0)
ABSENT:	Board Members J.M. White Jr., Chair; and C. Clowes	(2)

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.

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

Vice Chair 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 11:48 a.m.

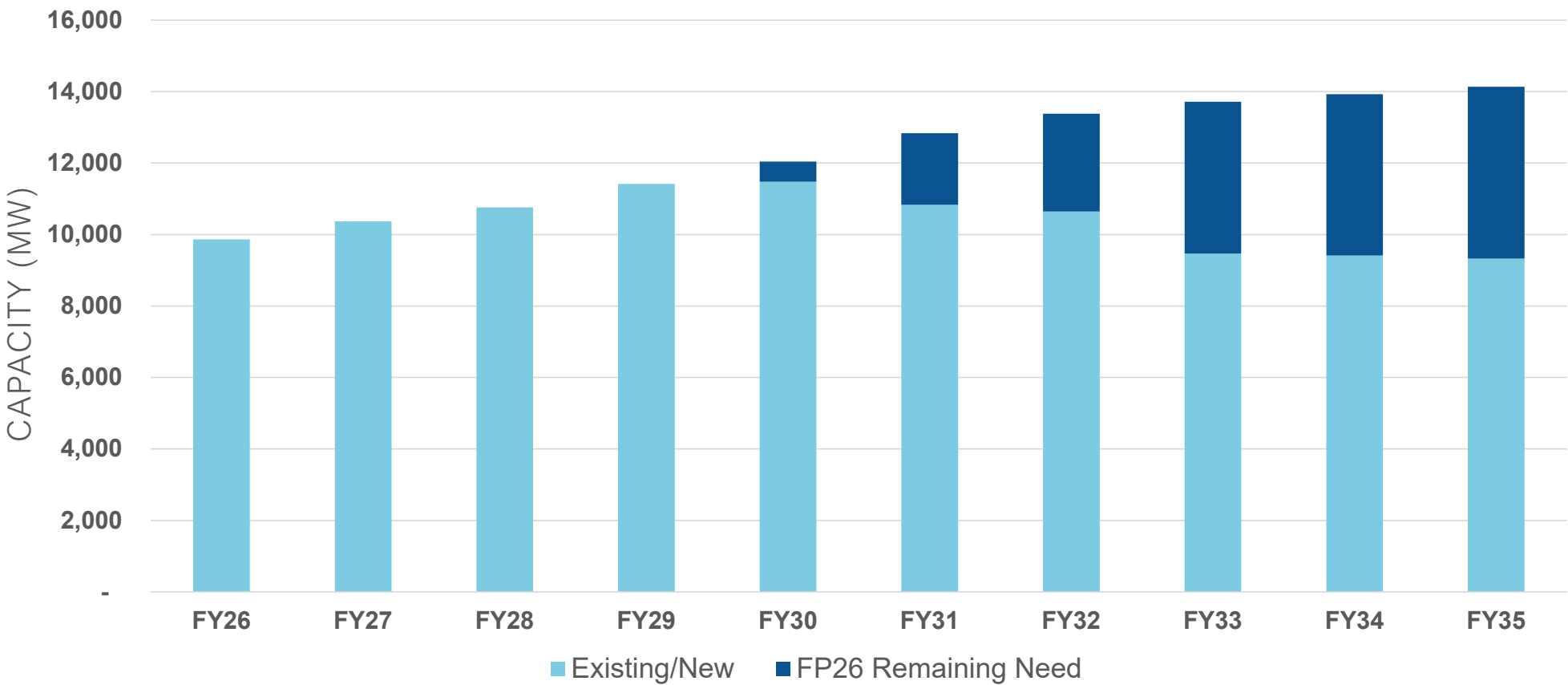
John M. Felty
Corporate Secretary

CGS Coal-to-Gas Conversion Opportunity

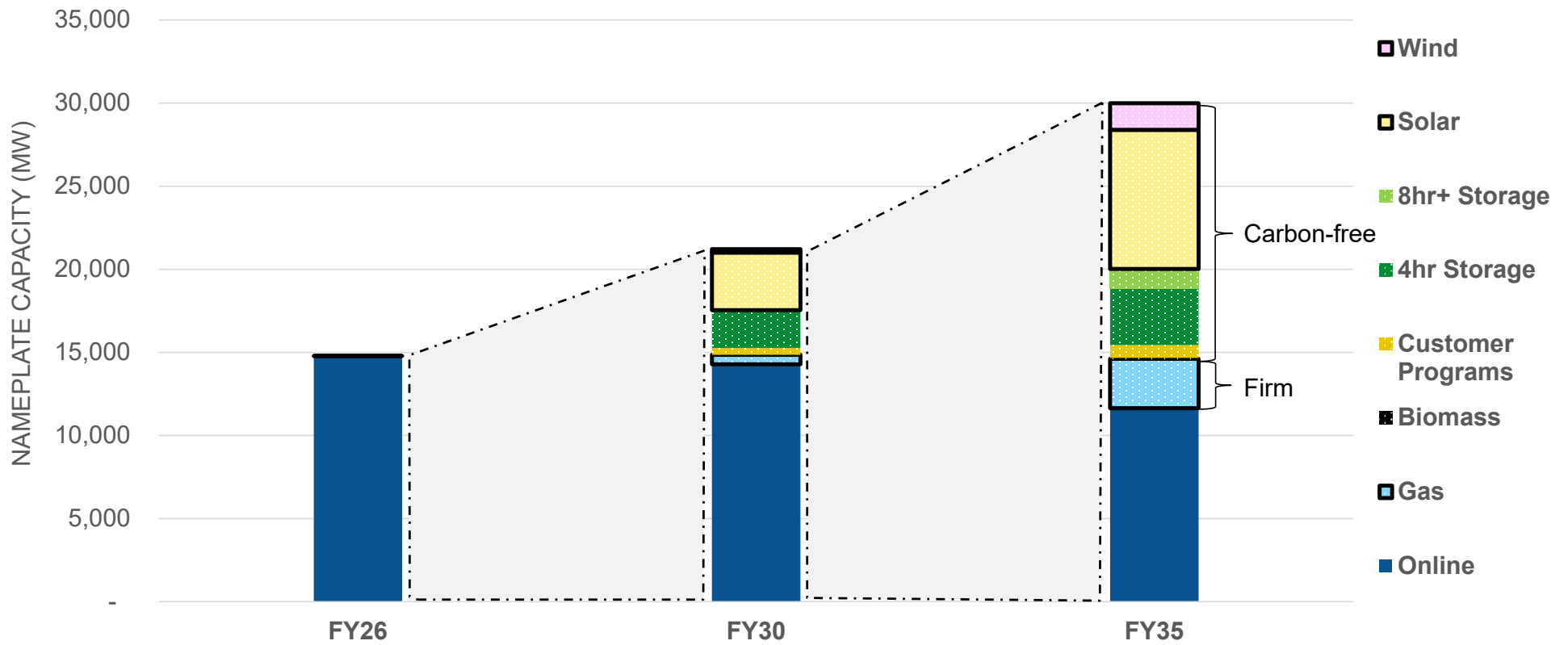
Power Committee

Grant Smedley | May 22, 2025







Remaining Summer Capacity Needs



FP26 Resource Plan



Strategies for Replacing CGS Capacity

Strategy	 Description	 Benefits	 Challenges
 Manage Capital	Convert CGS from coal to gas by end of 2029	<ul style="list-style-type: none"> • Preserves capacity • Lower capital spend • Resource bridge • Low technology risk 	<ul style="list-style-type: none"> • New pipeline lateral
 Increase Firm Flexible Capacity	Replace CGS with new gas generation by end of 2031	<ul style="list-style-type: none"> • More flexible resource • Longer service life 	<ul style="list-style-type: none"> • Development risk
 Accelerate Long Duration Batteries	Replace CGS with lithium-ion batteries by end of 2031	<ul style="list-style-type: none"> • No direct emissions • More flexible resource • No gas lateral needed 	<ul style="list-style-type: none"> • Higher cost • Reliability risk • Development risk

Strategies for Replacing CGS Capacity

		Capital Cost (\$)	Operating Cost (\$)	Total Cost (\$)	Total CO2e (metric tons) ³
CGS Capacity Replacement Strategy			Annual	Net Present Value through 2045	2030-2045
Manage Capital	Convert CGS from coal to gas by end of 2029	\$100M	\$100M ¹	\$1.1B	4.5M
Increase Firm Flexible Capacity	Replace CGS with new gas generation by end of 2031	\$1.1B	\$45M	\$1.4B	11M
Accelerate Long Duration Batteries	Replace CGS with lithium-ion batteries by end of 2031	Not Applicable ²	\$250M	\$2.3B	6.7M ⁴

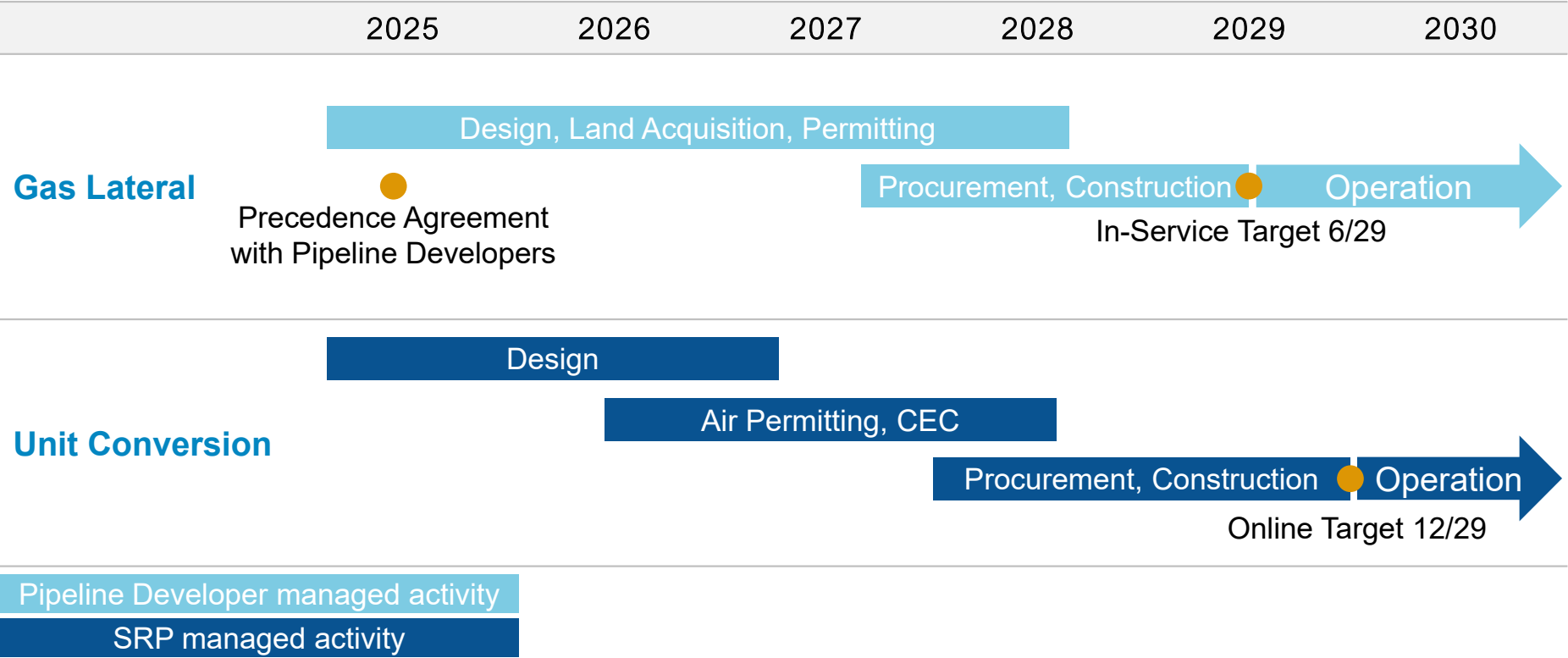
¹ Includes annual cost for natural gas pipeline lateral capacity

² Assumes batteries are procured through purchased power agreements

³ Each alternative enables SRP to meet 2035 carbon intensity goal

⁴ Assumes batteries are charged with zero-carbon resources

Coal-to-Gas Conversion Timeline



Key Takeaways

- Conversion of CGS to natural gas:
 - Preserves critical capacity at a time of unprecedented need
 - Least cost alternative, preserving capital for other resource needs
 - Provides a flexible bridge to mid 2040s while other technologies mature
 - Meets SRP's 2035 and 2050 sustainability goals
- SRP management will return in June to seek approval to execute agreements for pipeline offtake and to convert CGS units to gas
- SRP will continue to pursue other resource technology options identified in the repurposing study at the CGS site

thank you!



2025 Summer Preparedness

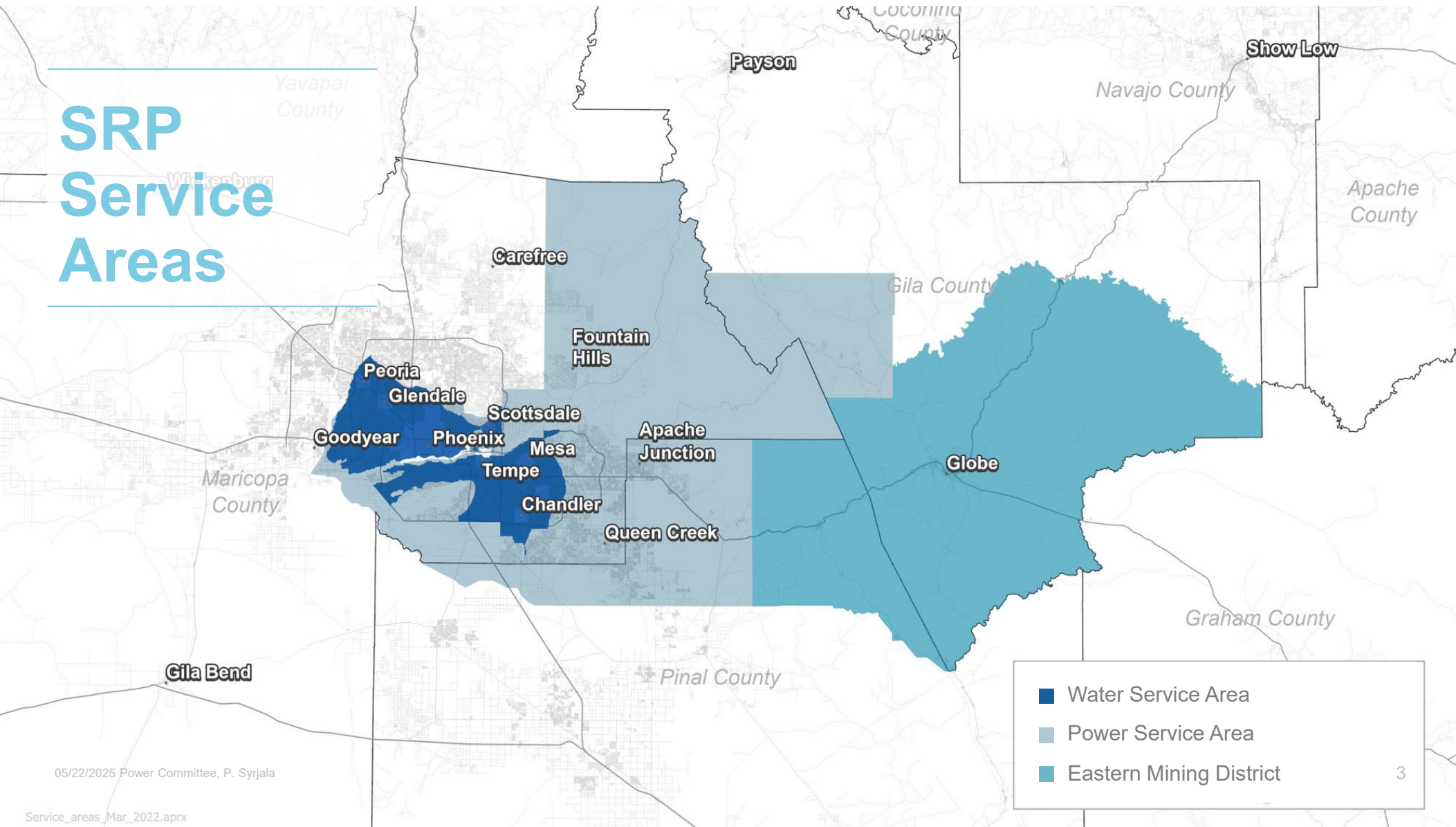
Pam Syrjala & Melissa Martinez

Power Committee | May 22, 2025

Pam Syrjala

Senior Director, Supply and Trading

SRP Service Areas

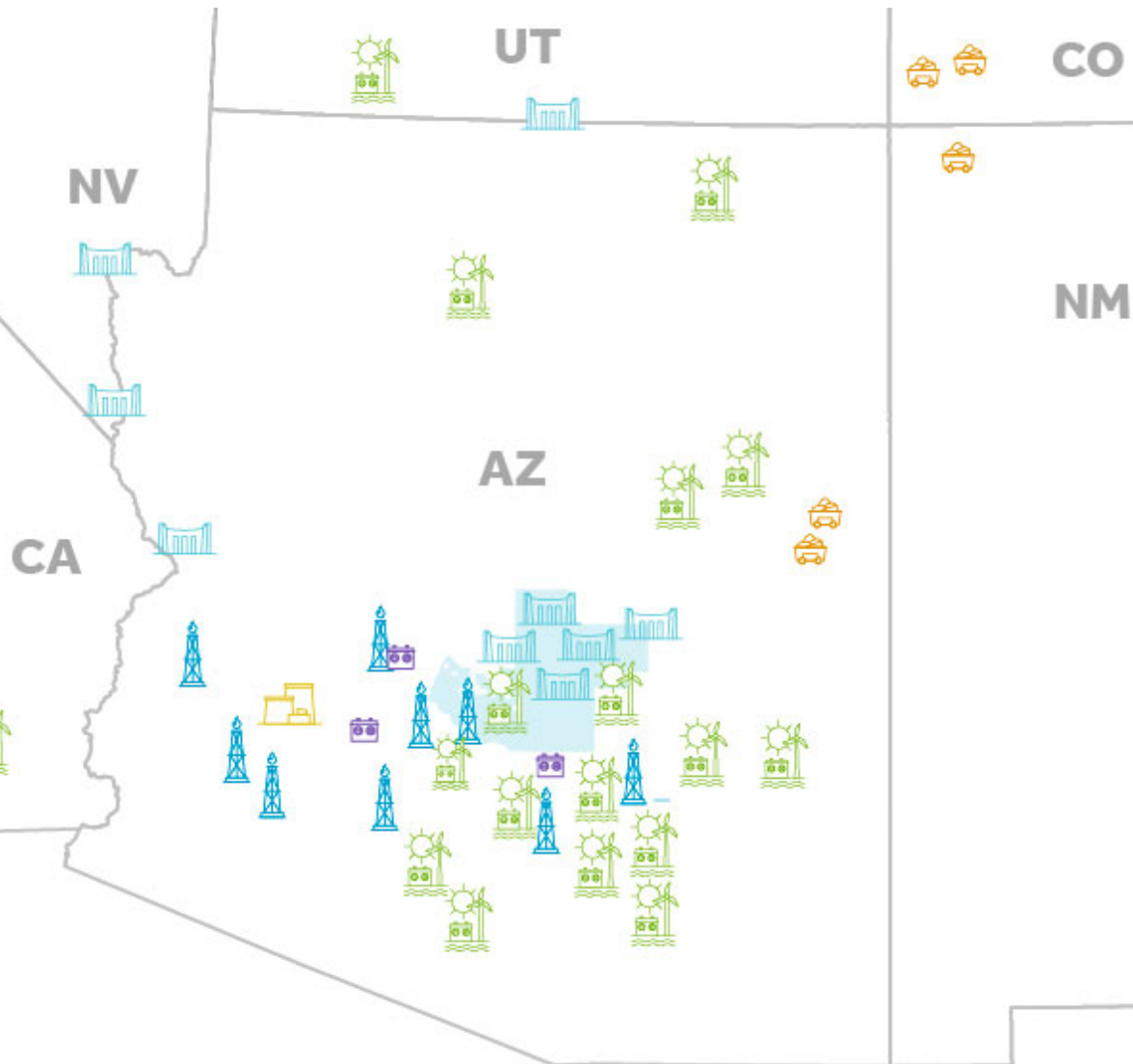


SRP GENERATION PORTFOLIO CY2025

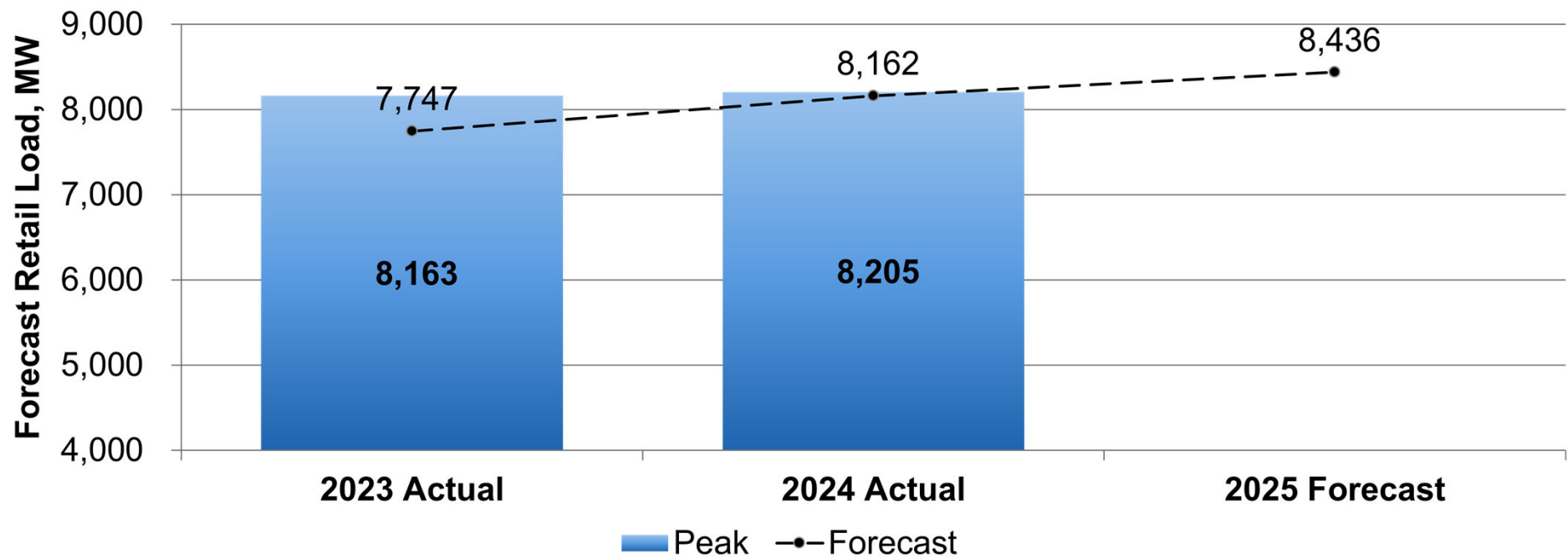
LEGEND



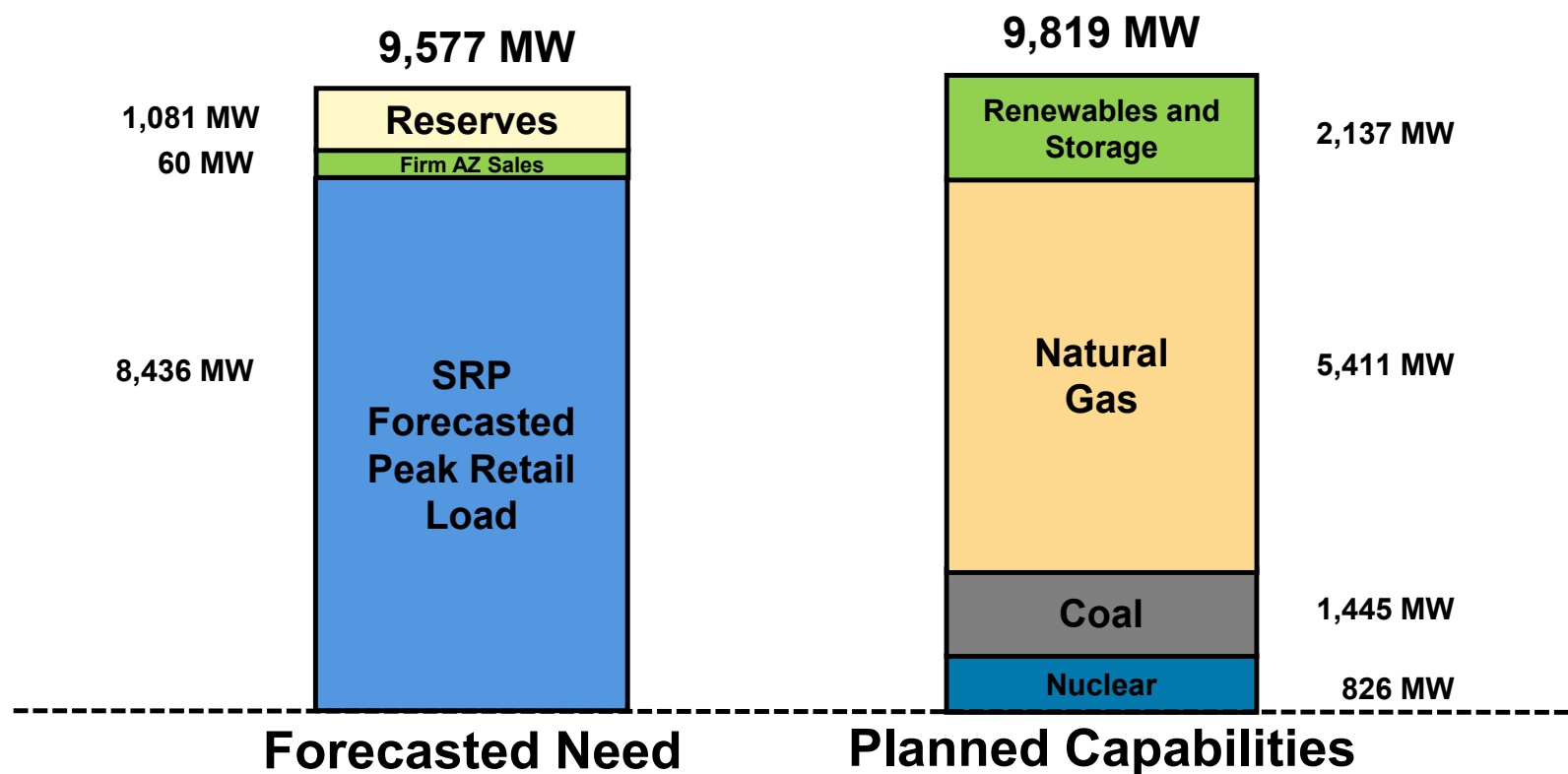
*Map locations and size are not precise or to scale.



Peak Hour Retail Load Forecast



Summer Peak 2025 Outlook



Fuel Status

- **Nuclear** - Full requirements under contract.
- **Coal** - Full requirements under contract. Inventory at coal plants are at/above target levels prior to summer run.

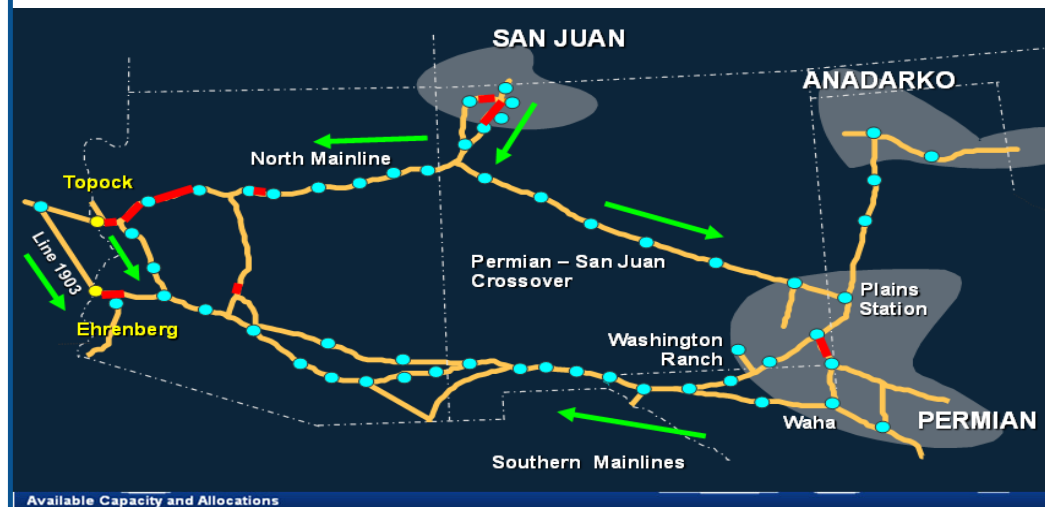


Natural Gas Supply

- Full transport requirements secured; balanced between both natural gas pipelines, with access to Permian and San Juan gas basins.
- SRP employs a natural gas hedging program.

05/22/2025 Power Committee, P. Syrjala

EPNG Pipelines



Available Capacity and Allocations

04/09/2013 04/10/2013

Transwestern Pipelines



Melissa Martinez

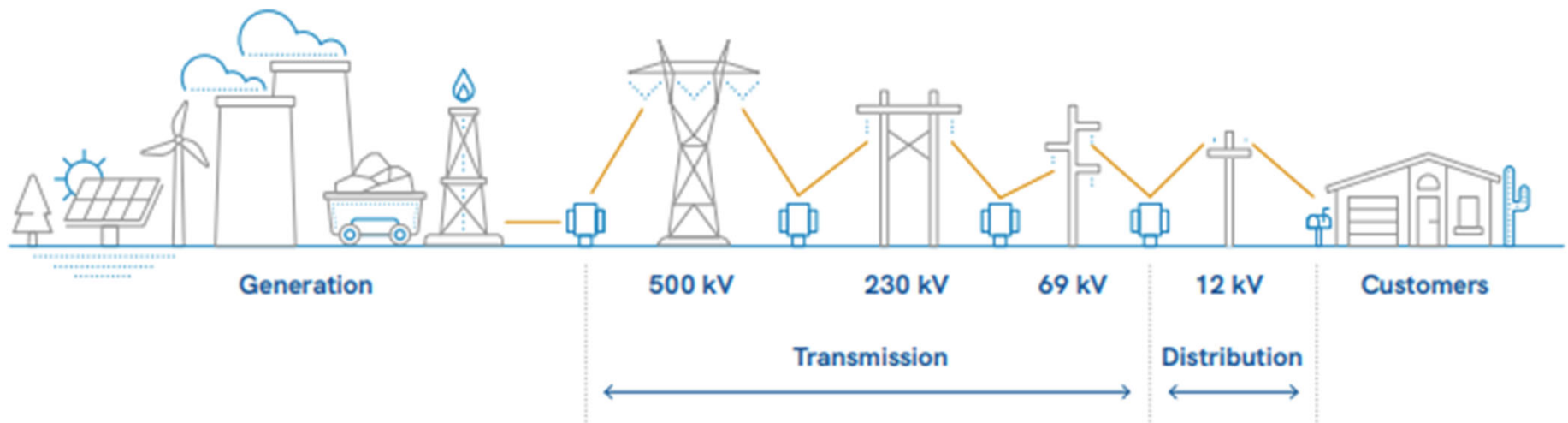
Director, Transmission and Generation
Operations

Generation, Transmission & Distribution Readiness

- Asset Management
- Situational Awareness
- Emergency Preparations



Power System Asset Management



Asset Management

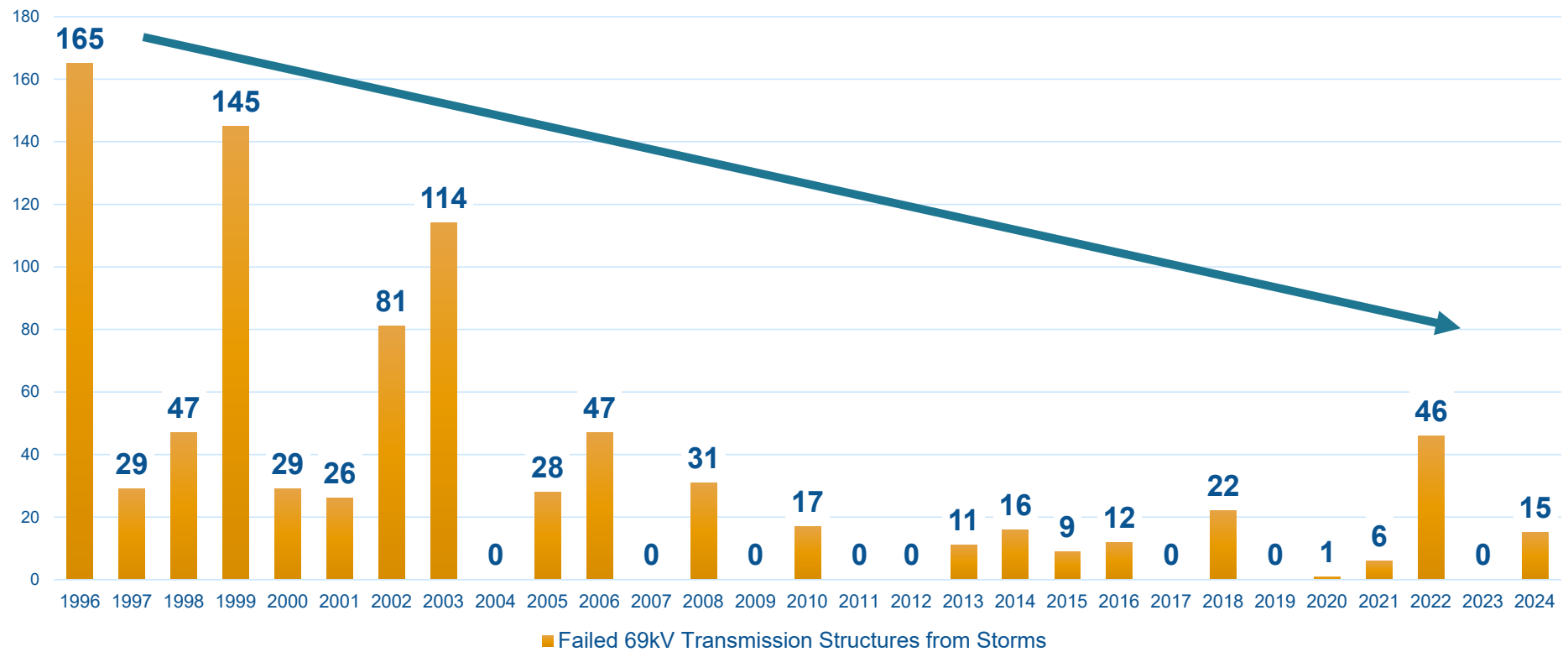
- Risk and Data-Based Approach to Equipment Replacements
- Condition & Inspection-Based Proactive and Corrective Maintenance
- Other Preventive Maintenance



Transmission System Inspections



Significant Transmission Pole Failure Reduction



Infrared Inspections

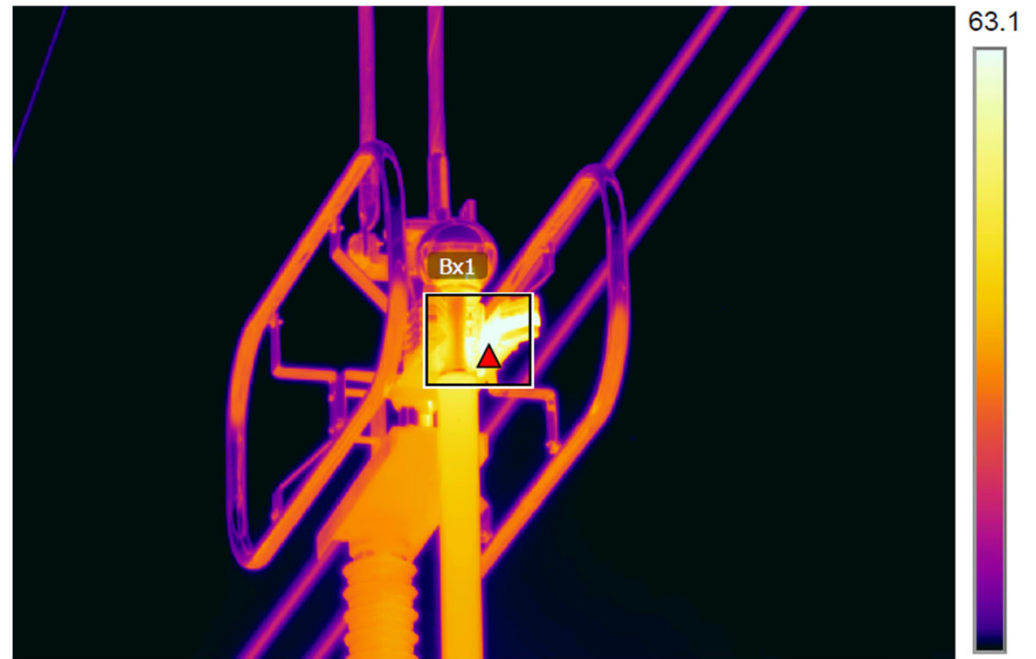
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Situational Awareness

- Daily Operational Briefings / 2X Daily During Stressed Conditions
- Inter-Utility Coordination & Support
- Outage Coordination within SRP

05/22/2025 Power Committee, M. Martinez



Emergency Preparations

- Storm, load shed & heat training drills
- Pre-storm equipment staging and staffing
- Outage restrictions and notifications



thank you!



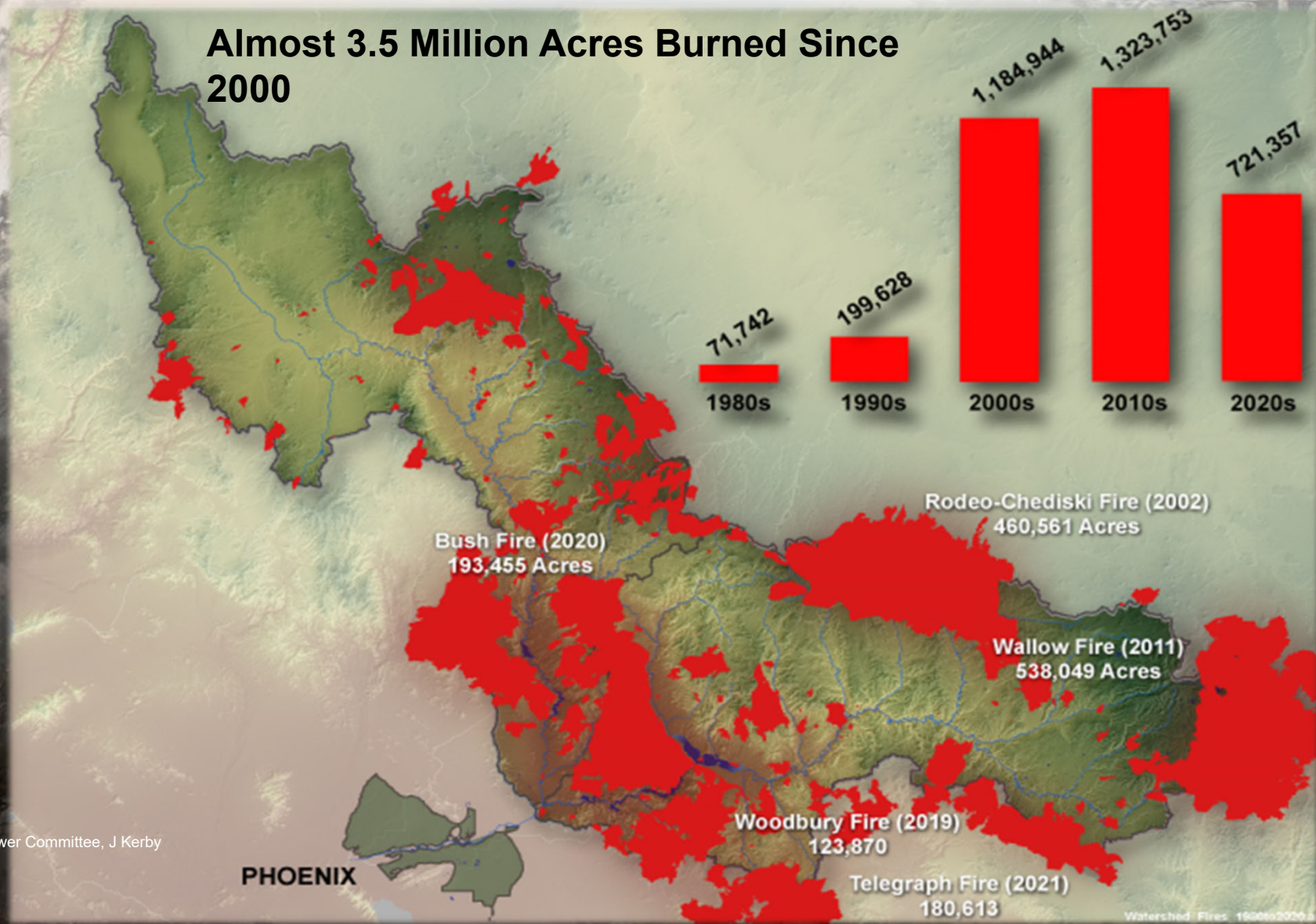
Wildfire Mitigation Update

Power Committee, Summer Preparedness

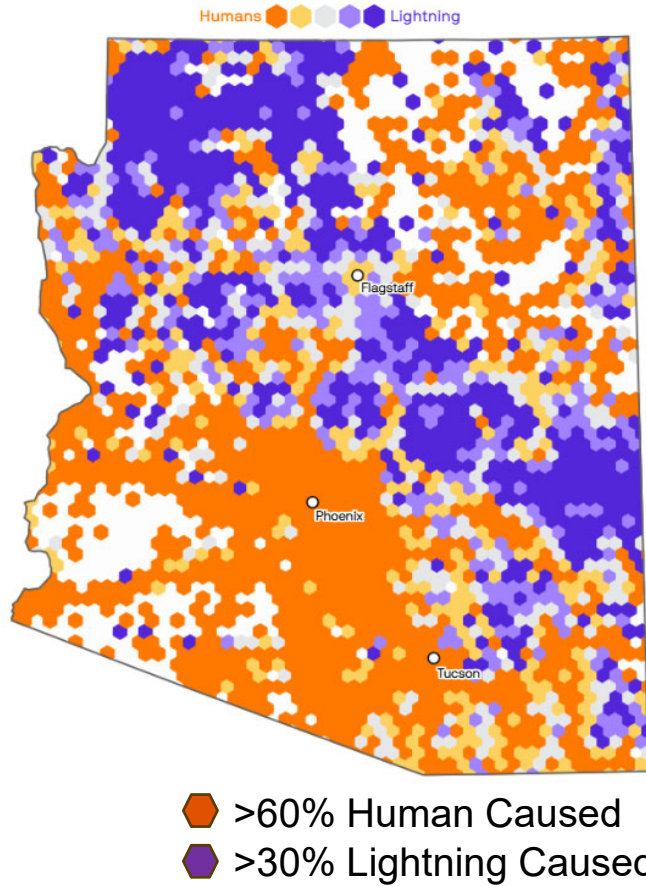
5/22/2025

Jace Kerby, Director TLDCM

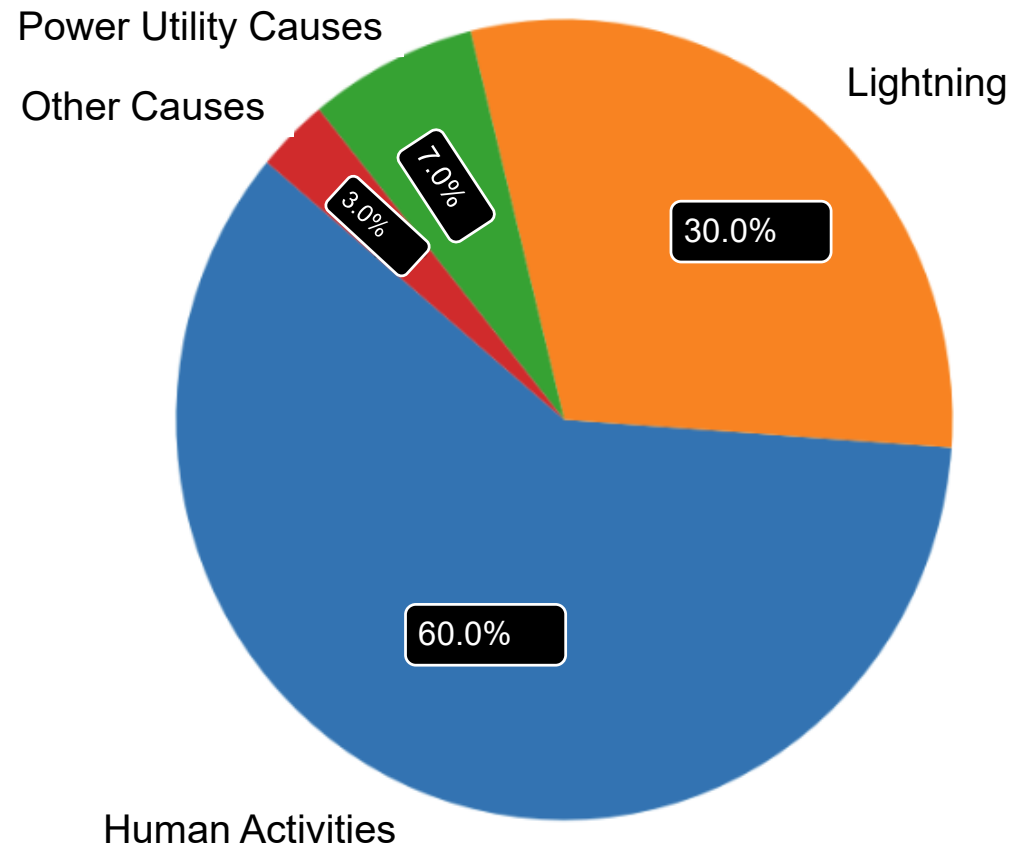
Almost 3.5 Million Acres Burned Since 2000



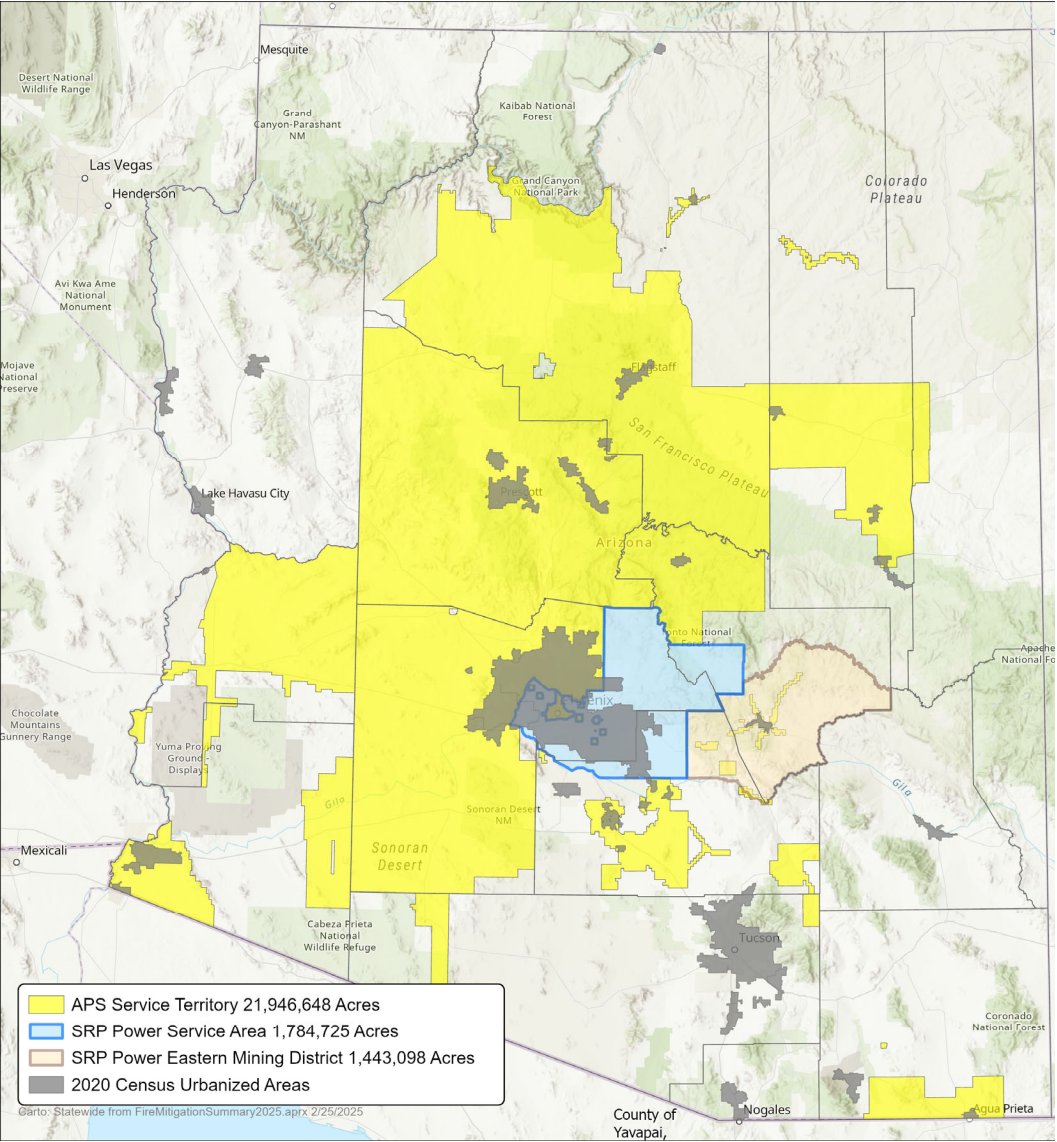
Arizona Wildfire Causes



Causes of Wildfires In Arizona (2015- 2025)
Total Wildfires: Over 15,000



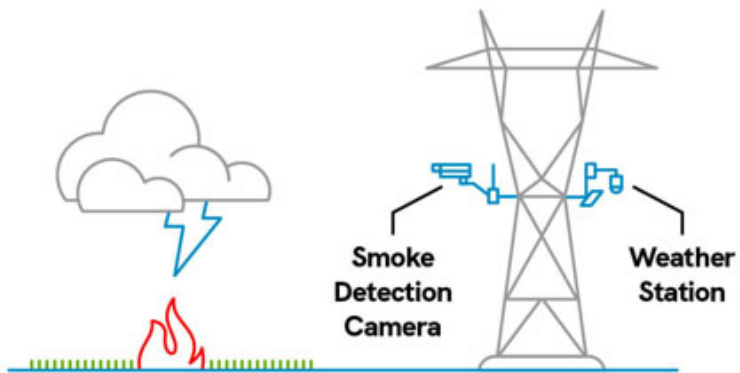
SRP & APS



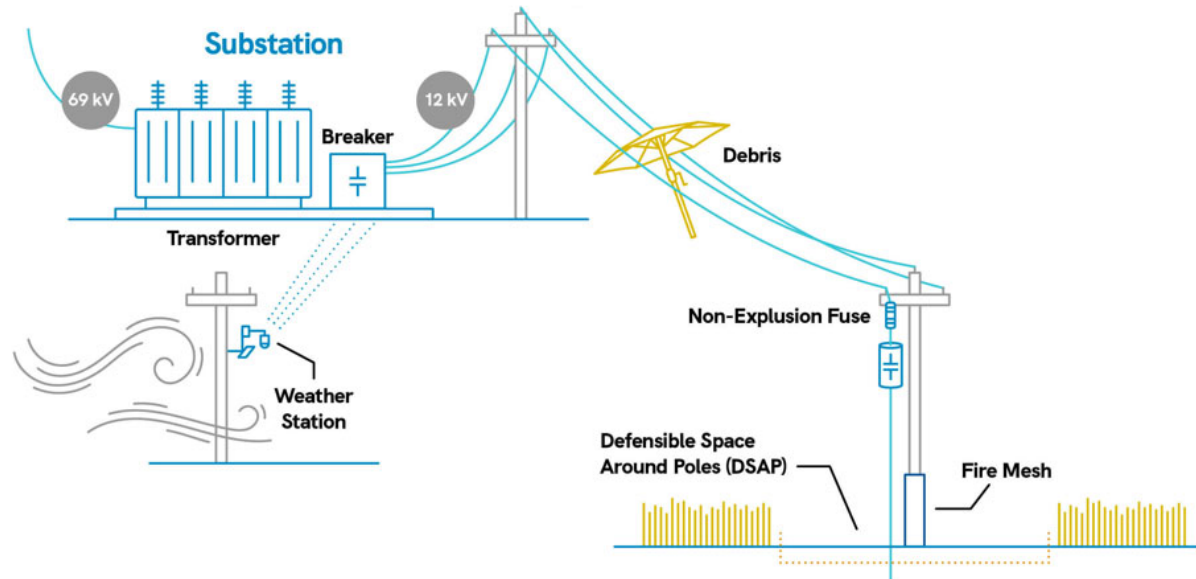
Wildfire Mitigation Plan

9

Fire Impacts to SRP



Preventing Fires Caused by SRP

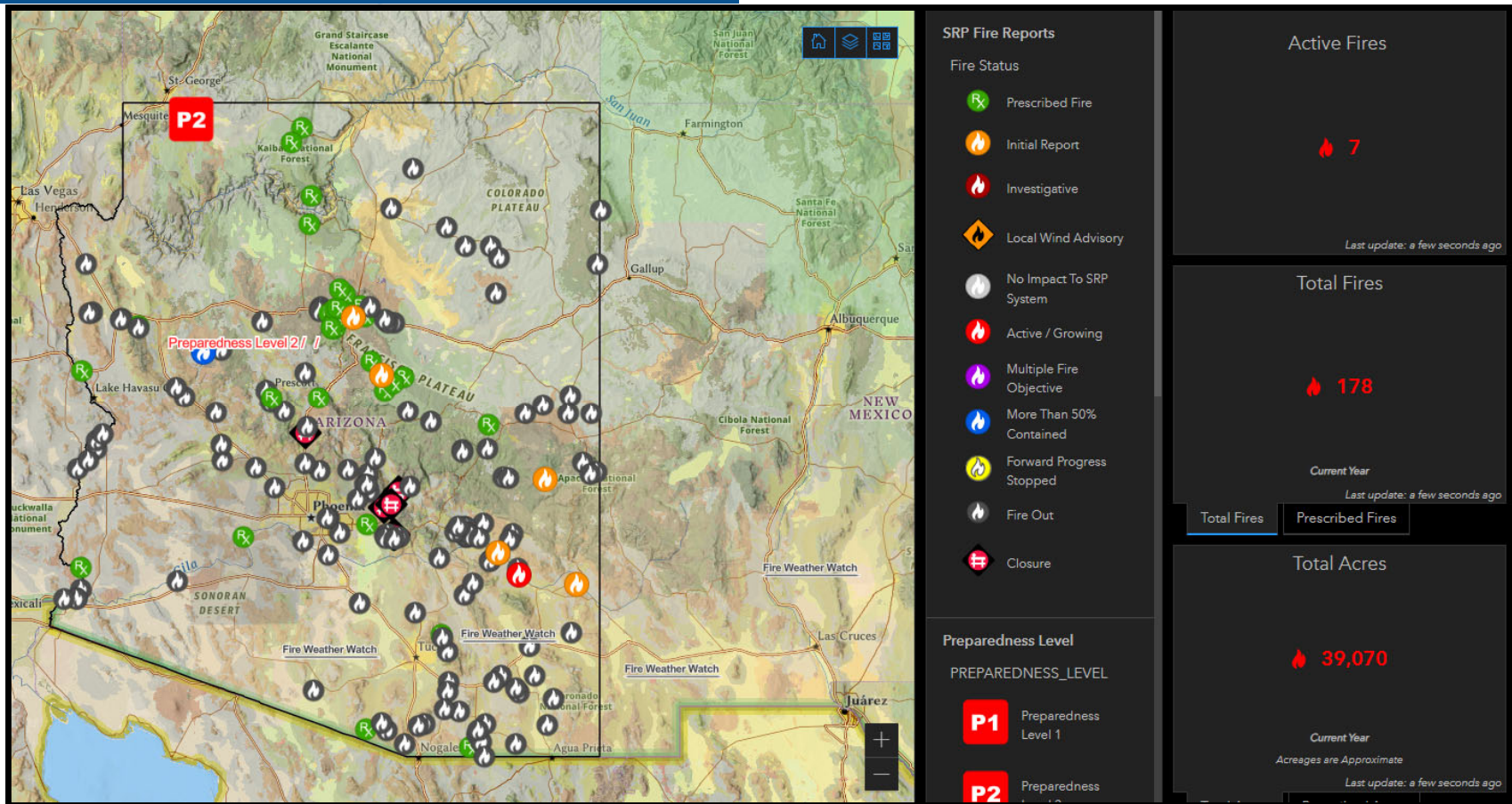


Wildfire Mitigation Team

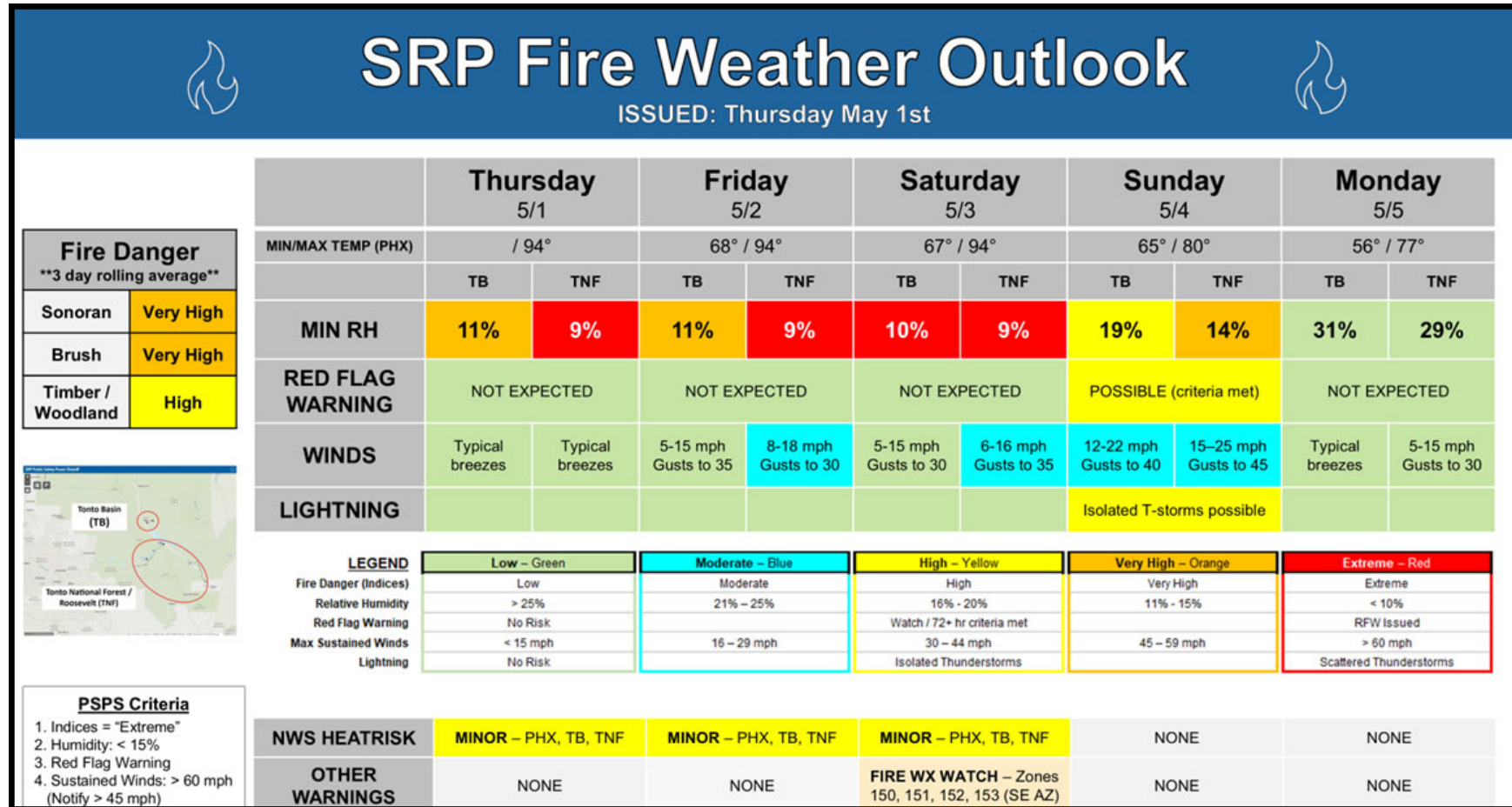


- Liaison between First Responders and Operations
- Grid Incident Command System
- Community/ Government Engagement

Wildfire Tracking Dashboard



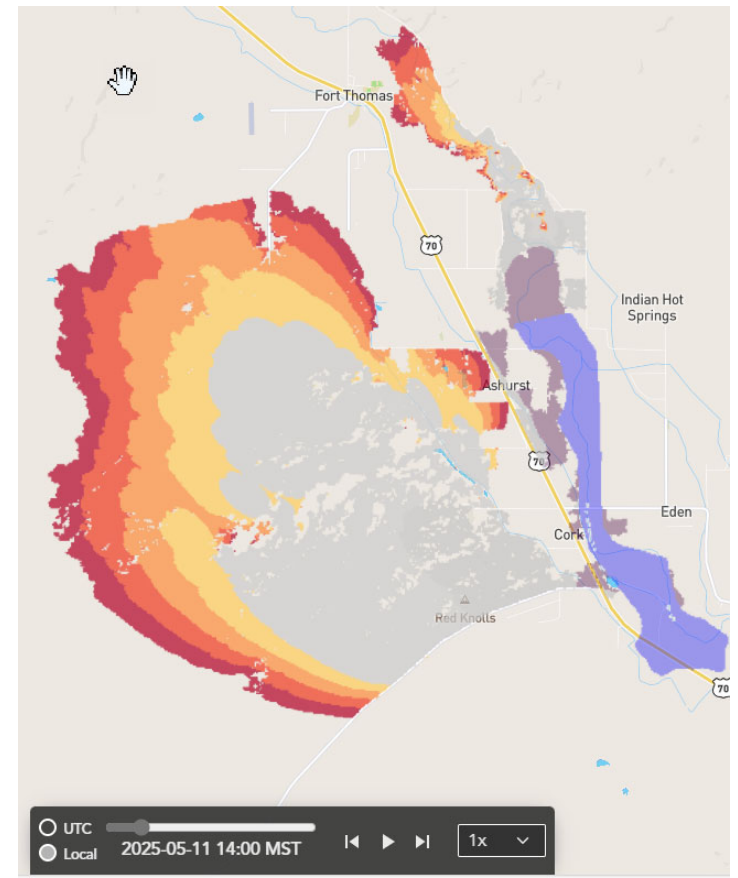
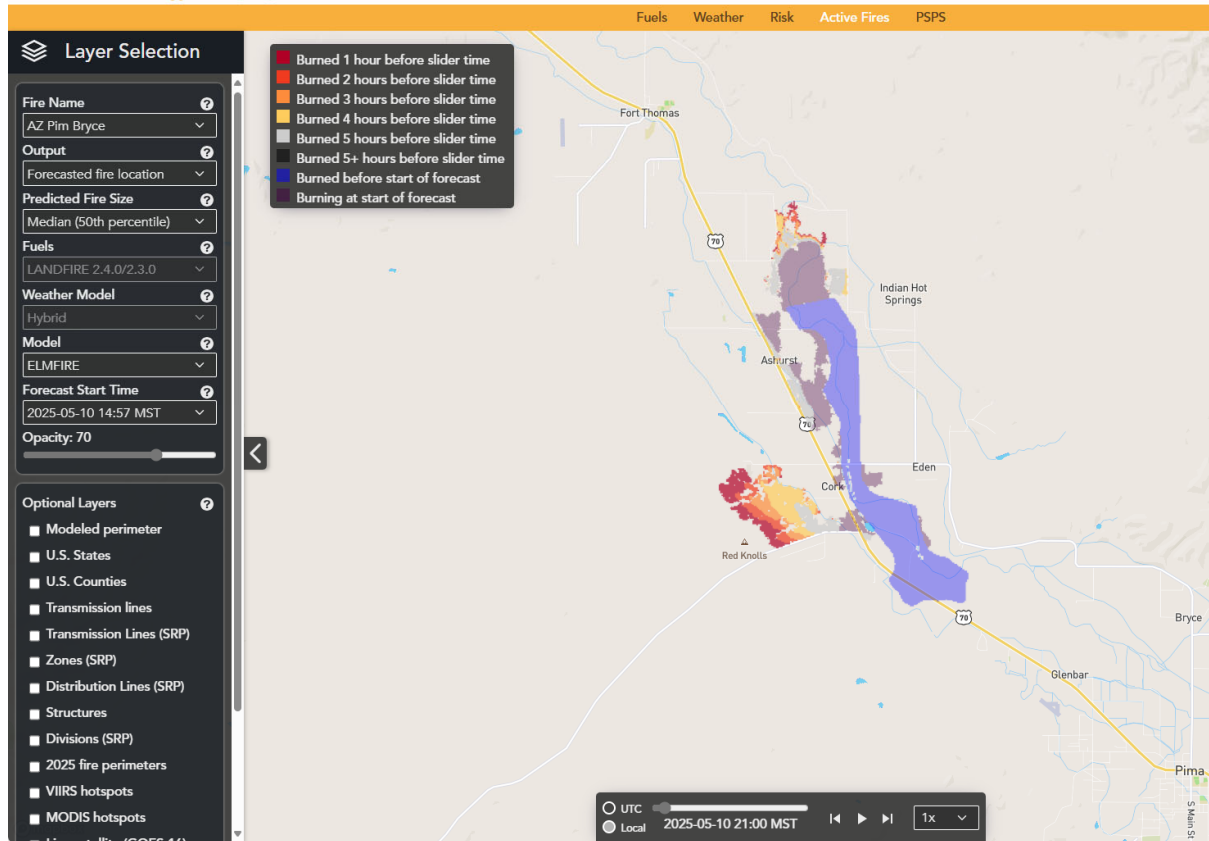
Situational Awareness



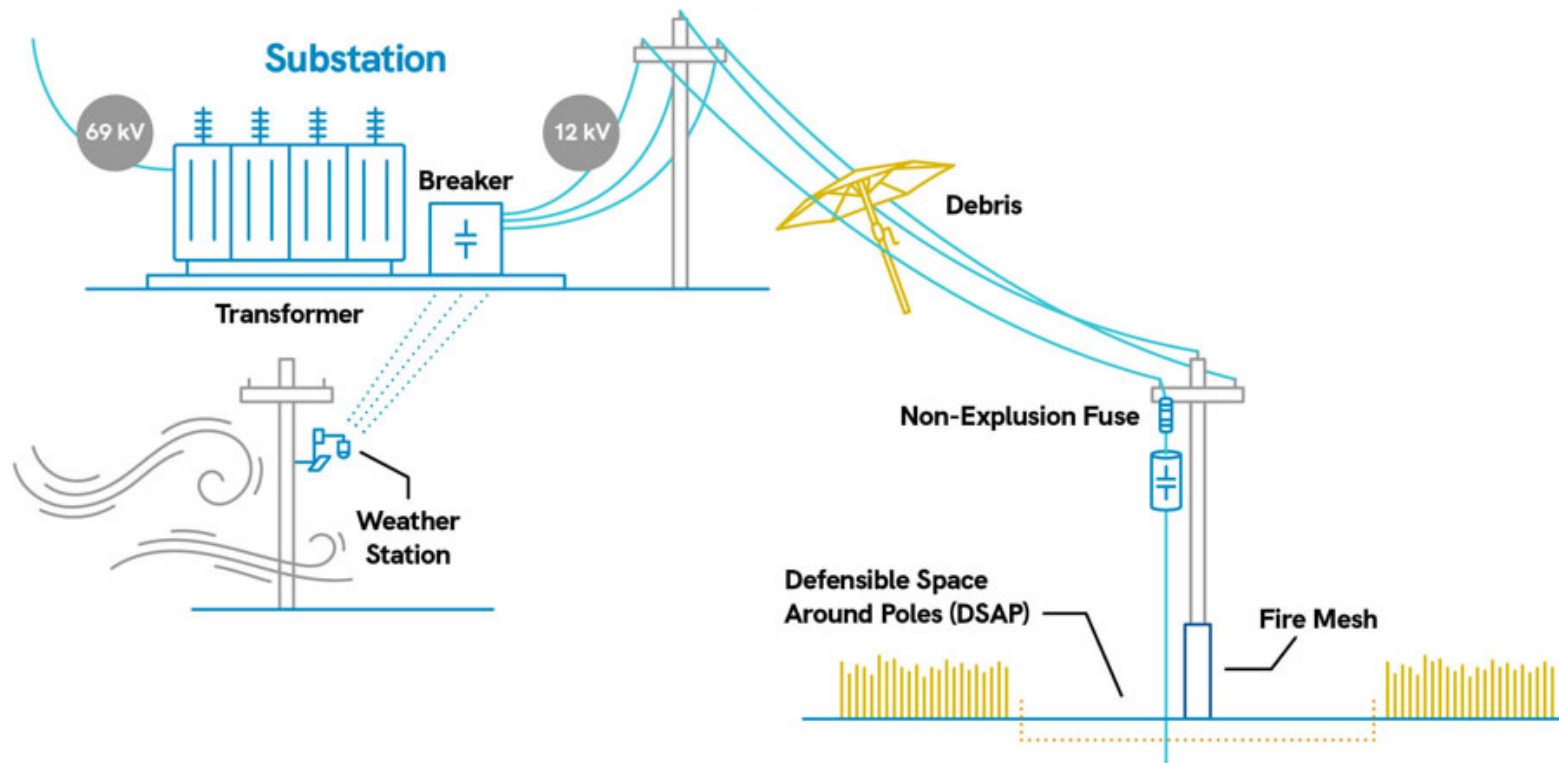
“SmokeD” Artificial Intelligence Smoke Detection



Wildfire Spread Modeling



Preventing Fires Caused by SRP



Line Inspections

- 500kV, 230kV, 115kV
 - Bi-Annually, Spring & Fall
- 69kV, 22kV, 12kV
 - Annually



Standards



05/22/2025

Power Committee, J Kerby

Resiliency/ Hardening



Defensible Space Around Poles (DSAP)

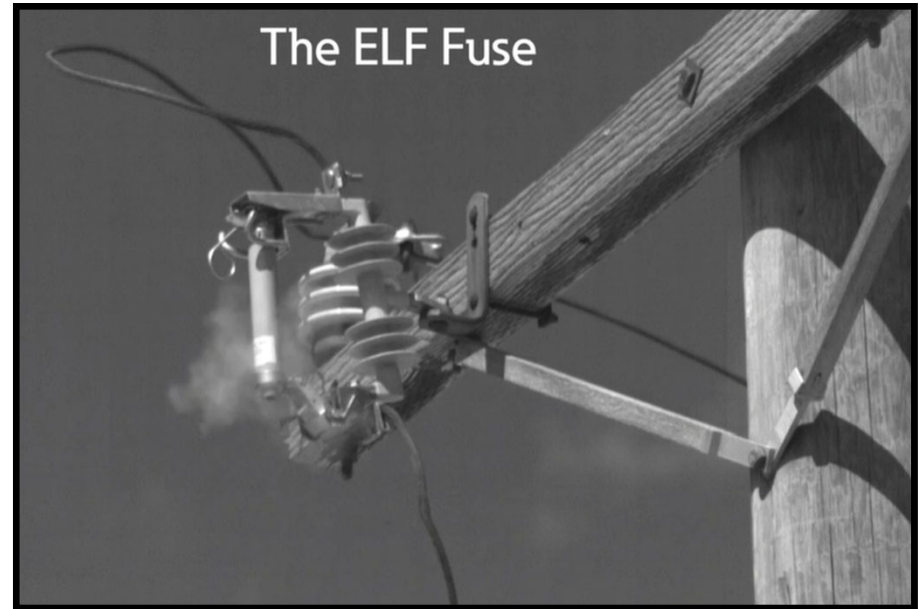
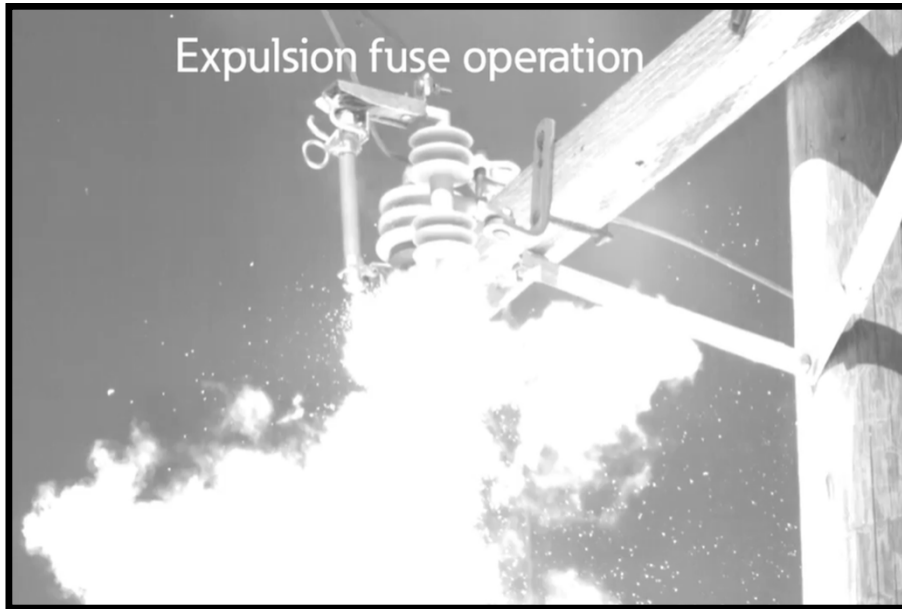
Before



After

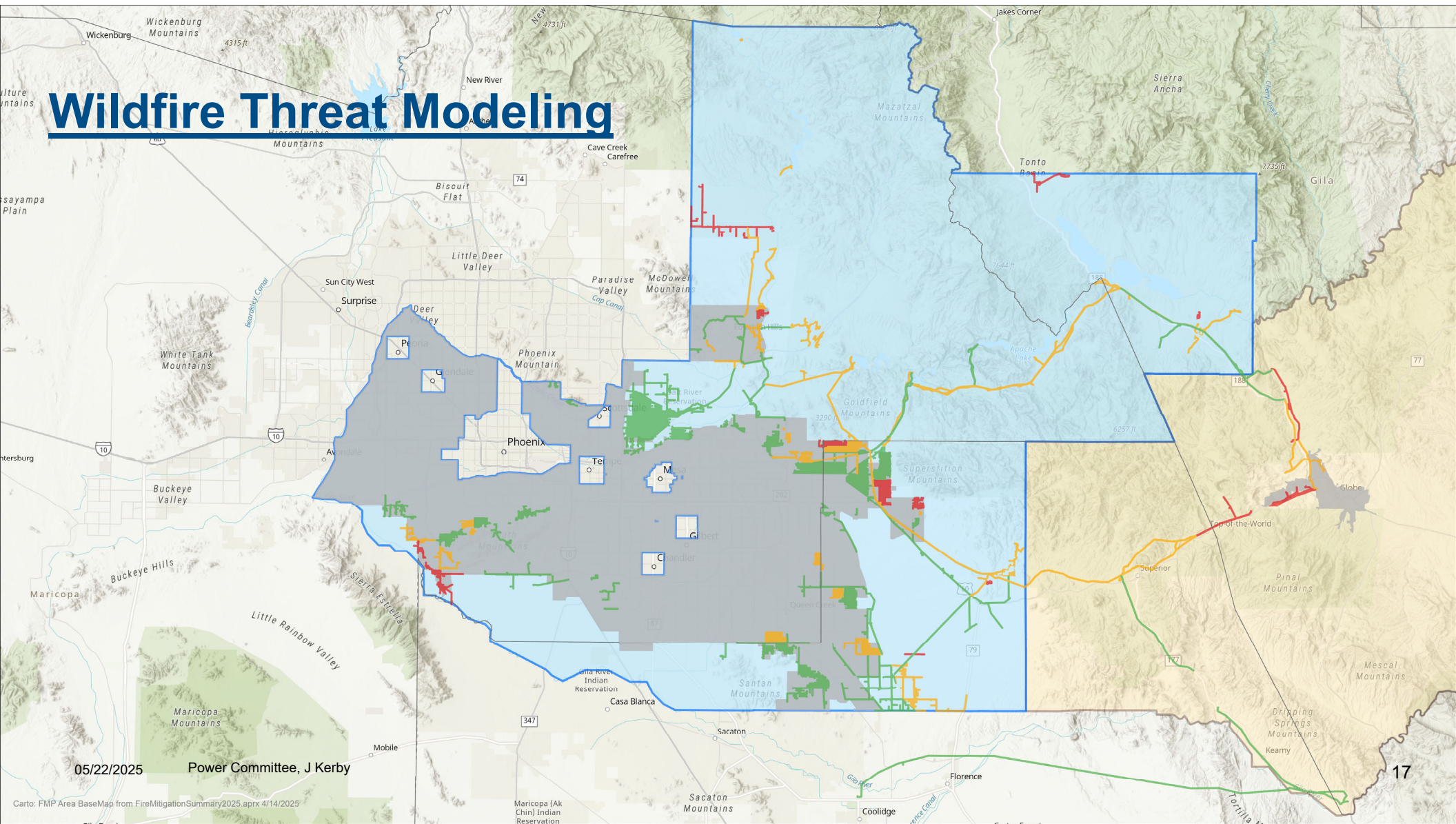


Emerging Technology

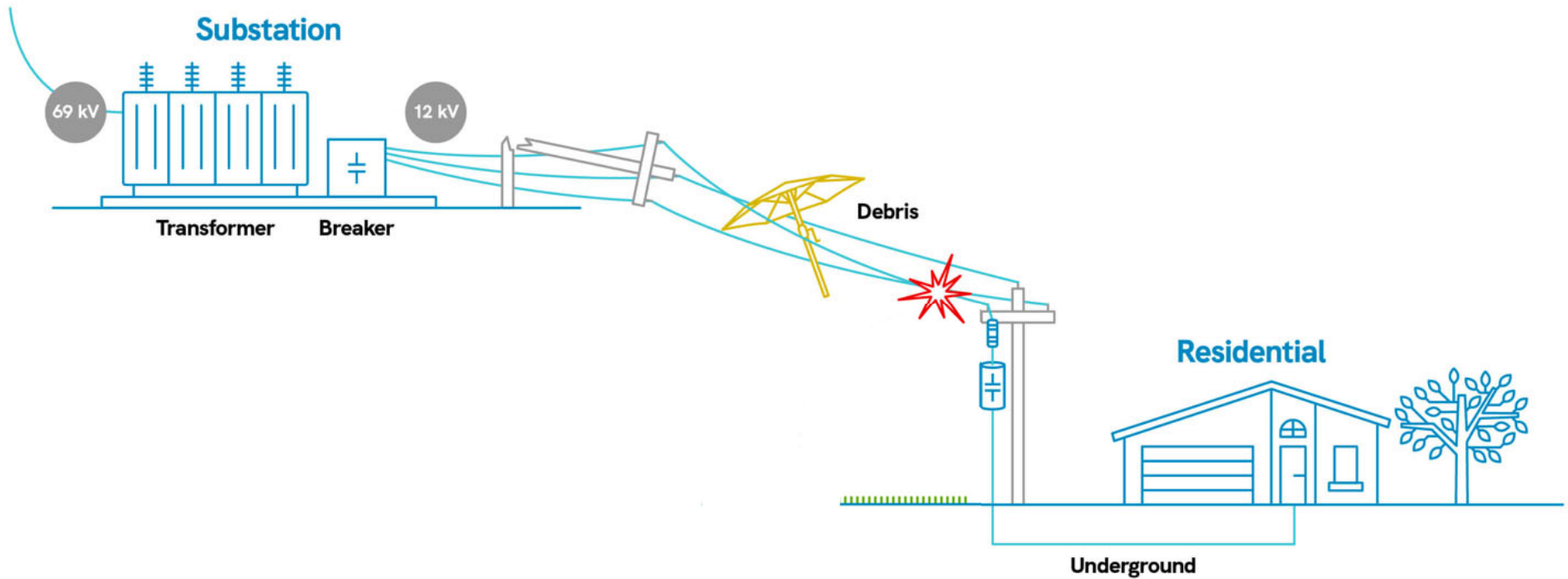


Operations

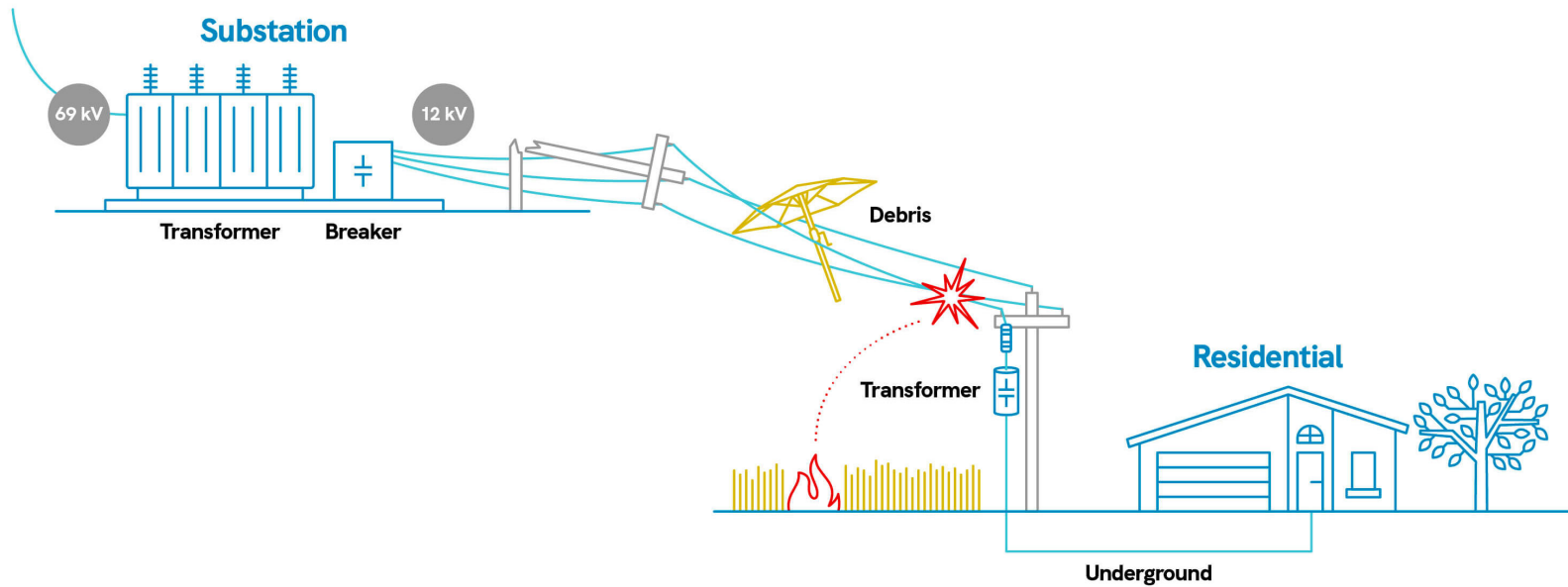
Wildfire Threat Modeling



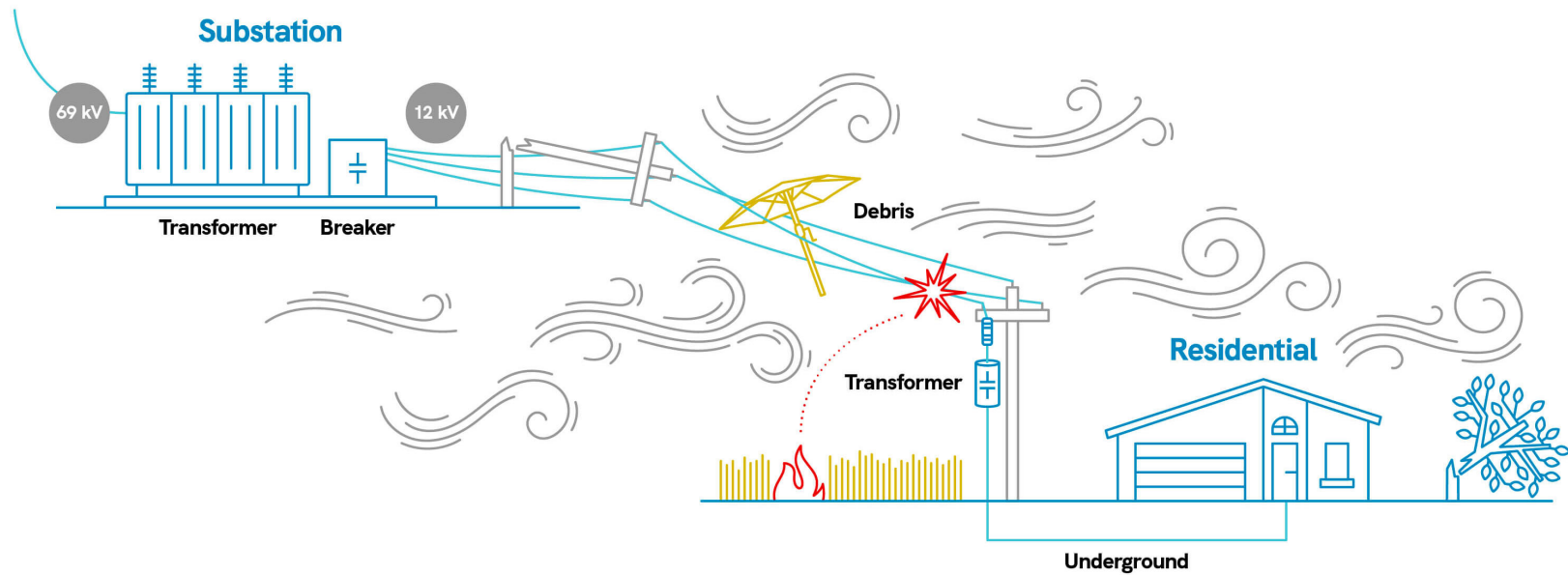
Normal Operations

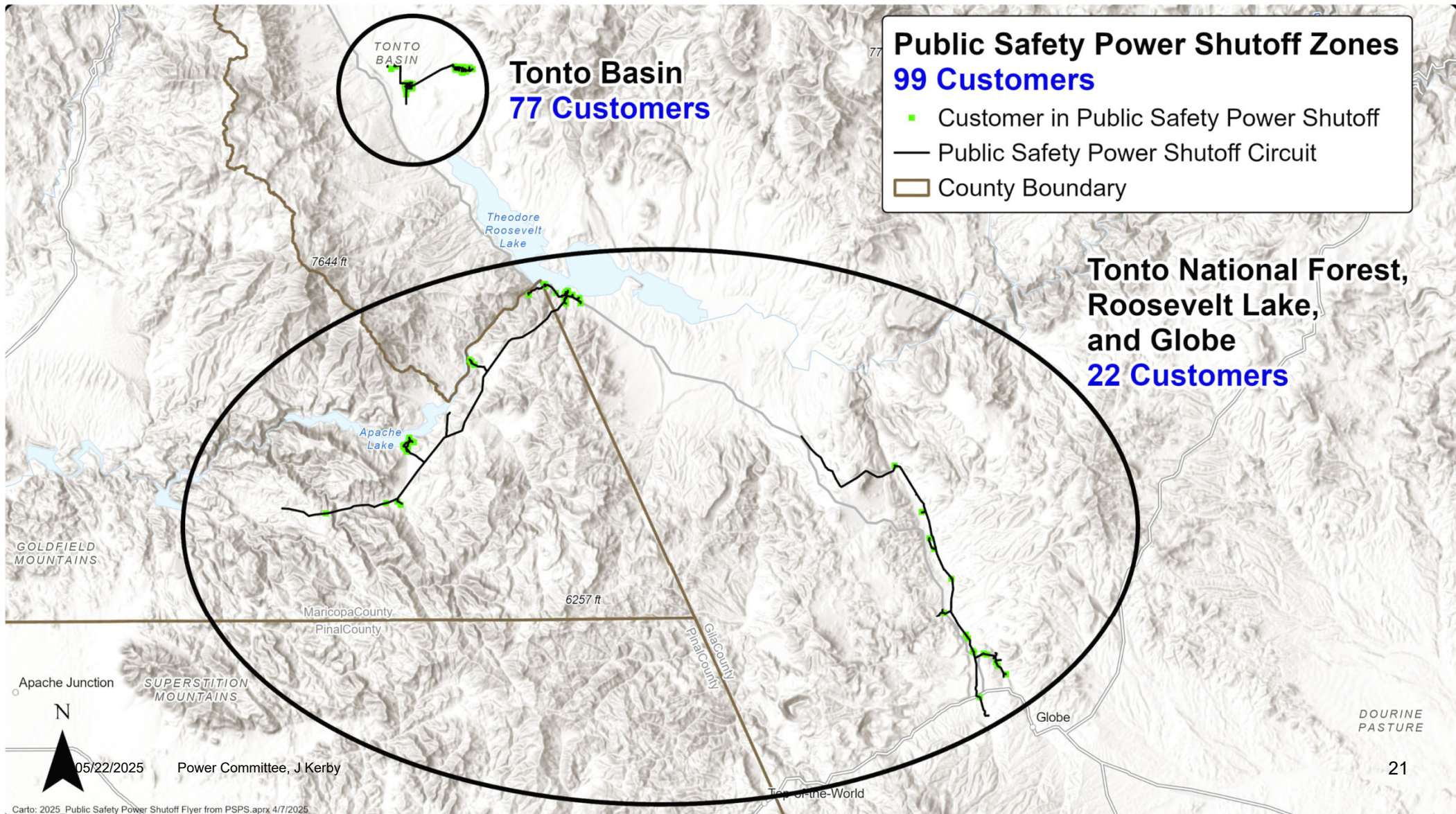


High Fire Risk Conditions, No-Reclose



Public Safety Power Shutoff, (PSPS)





thank you!

