



HURRICANE CITY UTAH

Mayor
Nanette Billings

City Manager
Kaden C. DeMille

Power Board
Mac J. Hall, Chair
Dave Imlay, Vice Chair
David Hirschi
Tony Certonio
Colt Stratton
Kerry Prince

Power Board Meeting Agenda

2/5/2025

3:00 PM

Power Department Meeting Room – 526 W 600 N

Notice is hereby given that the Power Board will hold a Regular Meeting in the Power Department Meeting room located at 526 W 600 N, Hurricane, UT. A silent roll call will be taken, along with the Pledge of Allegiance and prayer by invitation.

AGENDA

1. Pledge of Allegiance
2. Prayer
3. Approval of minutes from January 2025

STAFF REPORTS

Scott Hughes/Power Director
Brian Anderson/Transmission & Distribution Superintendent
Mike Ramirez/Service Superintendent
Jared Ross/Substation & Generation Foreman

OLD BUSINESS

NEW BUSINESS

1. Discussion and possible recommendation for approval to **appoint Michael Ramirez as an additional UAMPS Alternate Representative** – Scott Hughes
2. UAMPS Updates – Scott Hughes
3. **Closed Meeting pursuant to Utah Code Section 52-4-205, upon request**

ADJOURNMENT

The above notice was posted to the Hurricane City website, the Utah State Public Notice Website, and at the following locations:

1. Hurricane City Office – 147 North 870 West, Hurricane, UT
2. US Post Office – 1075 West 100 North, Hurricane, UT
3. Washington County Library (Hurricane Branch) – 36 South 300 West, Hurricane, UT





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1 The Hurricane City Power Board met on January 8, 2025, at 3:00 p.m. at the Clifton Wilson Substation located at
2 526 W 600 N.

3
4 In attendance were Mac Hall, Dave Imlay, David Hirschi, Kerry Prince, Scott Hughes, Brian Anderson, Mike Ramirez,
5 Jared Ross, Fred Resch, Dayton Hall, Mike Vercimak, Clark & Kimberly Sevy, and Crystal Wright.

6
7 Mac Hall welcomed everyone to the meeting. Dayton Hall led the Pledge of Allegiance and Mac Hall offered the
8 prayer. Dave Imlay motioned to approve minutes from the December 2024 meeting. Kerry Prince seconded the
9 motion. Motion passed unanimously, except for David Hirschi who abstained.

10
11 **Brian Anderson:** Brian Anderson reported the Line Crew worked mostly on the 3000 South 2400 West project. They
12 removed a section of overhead line and replaced it with underground line. They also worked a little on the Capacity
13 Project and installed some anchors as well as taking down all the Christmas crossings and tree. The Line Crew has
14 paused to work on the Eagle Take Permit project that must be completed by the end of this month. Dave Imlay
15 described the reason for the project is due to our participation in the Horse Butte Wind Project. We install bird
16 guard down in our area to help protect birds since some will be lost due to the wind turbines for that project.

17
18 **Mike Ramirez:** Mike Ramirez explained Balance of Nature paid an invoice for a right hand turn lane onto 2400
19 West. Our Service Foreman has been out of the office for an extensive medical reason, so we have had Jordan
20 Steglich covering many of his duties in his absence. Things are still busy so they're combining forces between the
21 Line and Service Crews.

22
23 **Discussion and possible recommendation to the City Council regarding a Solar Policy variance:** Clark & Kimberly
24 Sevy presented information regarding a variance they are requesting to allow a solar installation on their
25 townhouse. They presented various facts and information regarding their specific circumstances and their reasons
26 for desiring a variance to the solar policy that prohibits solar installations on multi-unit buildings. They obtained
27 approval from the townhome owner in the adjoining unit as well as their HOA. Dave Imlay stated the policy was
28 drafted to be as fair as possible to all residents. This request has the meters residing on the homeowner's side of
29 the townhome, but what happens when an owner on the opposite side requests a solar installation? Mike Ramirez
30 confirmed that is the exact reason the multi-unit issue was addressed and included in the solar policy. One policy
31 must be the standard that everyone is held to, be as fair as possible, and be enforced equally to all. By allowing
32 some and not others, we felt we were entering a territory that would encourage inequity. Dayton explained the
33 Power Board is an advisory body only and does not have the ability to approve a variance to a policy the City
34 Council approved. What we could investigate is whether we need to revisit the policy itself to possibly carve out any
35 exceptions to the multi-unit language. However, anytime you begin to blur the lines, you open yourself up to
36 enforceability issues. The Power Board would need to decide if they wanted to draft a revision to the policy and
37 then submit it to the City Council for approval. It would take time to research and go through that process if that
38 was the desire of the Power Board. Clark Sevy asked if the existing solar policy would need to be revised or if the
39 Power Board could just recommend approval of a variance. Dayton Hall responded a variance is granted by the
40 Appeals Board. The code is only applicable for land use regulations in Title 10 of the City's Code. The solar policy



doesn't fit within those land use guidelines. The existing solar policy doesn't have any language to address how an exception might be granted. We don't have the ability to approve a variance as is being requested. This specific situation would require policy revision. Mac Hall asked if we've investigated the possibility of allowing duplexes or townhomes within the policy. Scott Hughes stated the large issue we had was with a townhome owner whose neighboring owner would not allow the installation around their side of the building. That townhome issue is a large reason why the language was added to the solar policy. If a recommendation is made to revisit our existing solar policy, then staff will investigate how to make any desired changes, bring it back to the Power Board for them to review and recommend to the City Council. Dayton Hall stated from a defensibility perspective, the easiest solution is to leave the existing solar policy as it is. Once you start carving out sub-types of multi-unit housing for approval, then the line gets blurred and harder to defend. Dave Imlay made a motion to recommend keeping the existing solar policy as it is. David Hirschi seconded the motion. Clark Sevy asked what other municipalities and cities are doing to address this issue. Mike Ramirez stated that overall, there are some cities that do allow this with extra requirements, such as recordable easements, and some cities that do not and are very similar to us. Scott Hughes stated as much as this specific instance may be the best-case scenario for this homeowner, he would still recommend denial for the reason of needing to have a clear enforceable line to unilaterally administer. Mac Hall asked what other power companies are doing and asked if there's a way to provide an avenue for acceptance, he wouldn't be opposed to looking at it in the future, however, there is a motion and second on the table. He would ask for a vote. Motion passed unanimously.

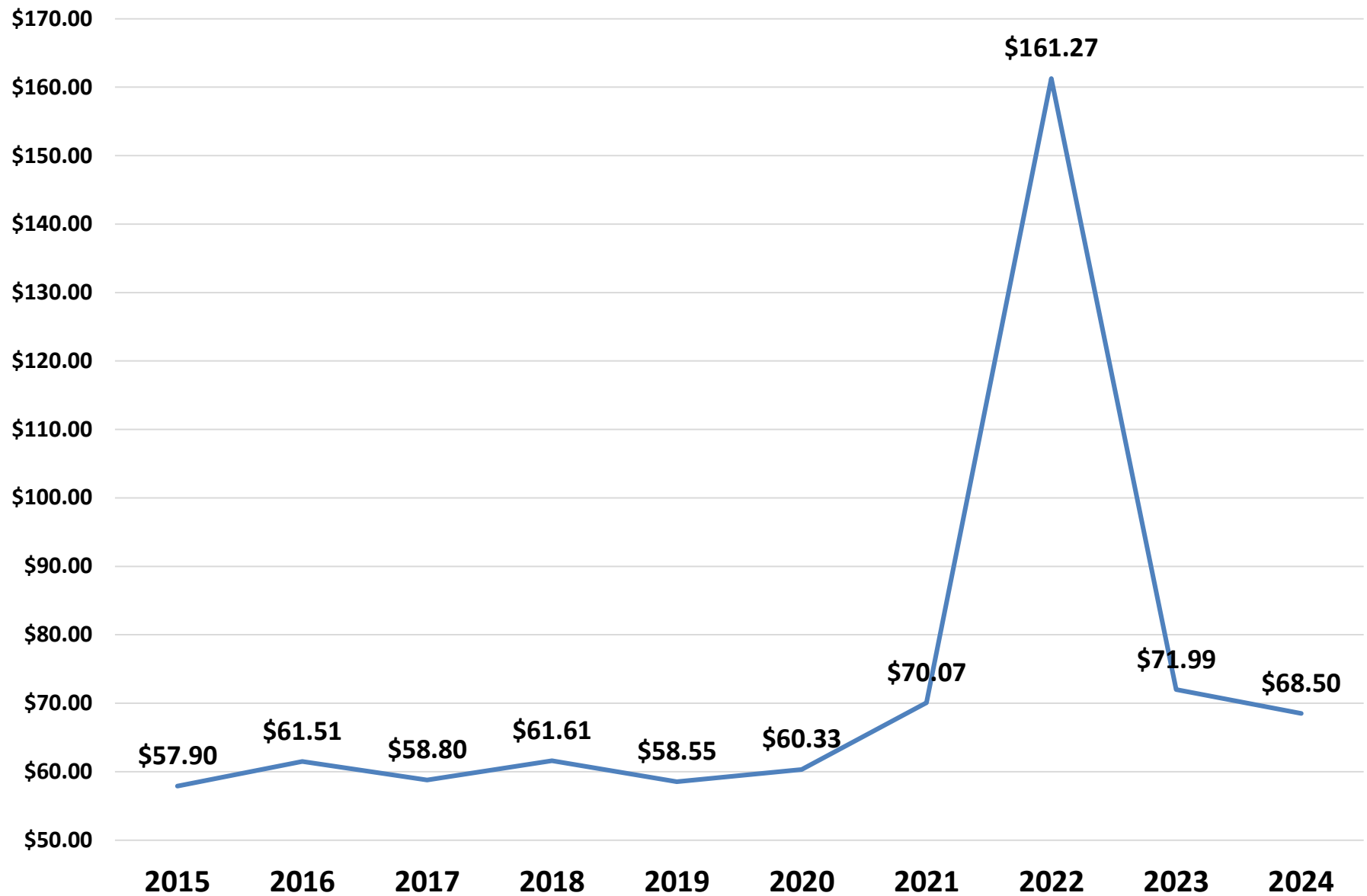
Year End Power Department Report: Scott Hughes presented a report showing a broad overview of the things the Power Department has been involved in during the year 2024. We were able to start two new apprentices, one of them passed his first-step apprentice test and is now a second-step apprentice. Jordan Steglich passed his Journeyman Lineman test and completed his apprenticeship. He explained a couple of the events that we held including our annual 4th Grade tour and demonstration at the department and annual Public Power Day. Presented an overview of the resource availability at year-end in addition to the actual percentages used through November 2024. He provided an overview of projects completed by the department and highlighted the completion of the Three Falls Substation, Lone Pine Subdivision line extension/upgrade, and the Generator #6 top end rebuild. Jared Ross reported in more detail about the Generator #6 rebuild. Crystal Wright explained some of the work that was done to refresh and restore some of our Christmas décor. Scott Hughes described the generator exhaust stack heights that were increased to comply with our updated air permit. He reported on the progress of some current projects which include Capacity Project 2.0, the Grid Resilience Grant, and Capacity Project 4.0. He listed some upcoming projects that will be coming up in the near future. He presented some recent budget information and several slides showing various budgetary items including reserves. He explained we intentionally have not been spending money to help our margin and the financial health of our fund, but that means we have not been doing capital improvement projects that are needed due to the continued quick growth. Our fund is looking much better, and this will need to be addressed in conjunction with a rate evaluation.

UAMPS Updates: Scott Hughes provided the updates in the packet. We will not review them if there aren't any questions. Dave Imlay stated he had a couple questions, but he'll ask Scott Hughes about those after the meeting.

Meeting adjourned at 4:45 p.m. The next Power Board meeting is scheduled for February 5, 2025, at 3:00 p.m.

BUDGET

Dec



AVERAGE YEARLY POWER PRICES

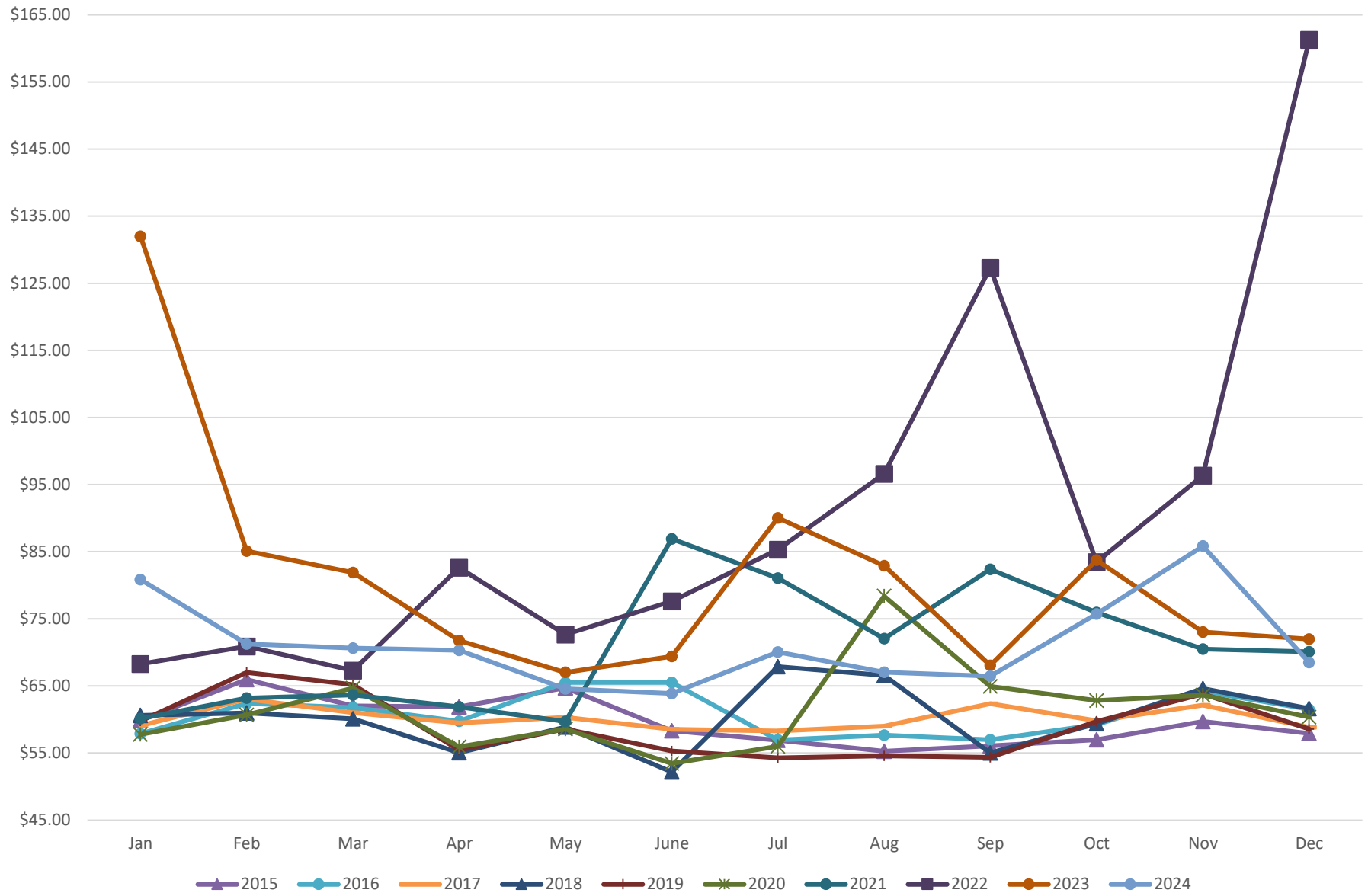
24-25 bdgt amount (thru Dec 2024) **\$71.24**
 BDGT Year to Date **\$71.15**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
<i>Jan</i>	\$59.86	\$57.87	\$59.07	\$60.62	\$59.75	\$57.76	\$60.14	\$68.25	\$132.00	\$80.85
<i>Feb</i>	\$65.94	\$62.38	\$63.04	\$60.96	\$67.00	\$60.67	\$63.19	\$70.88	\$85.08	\$71.23
<i>Mar</i>	\$62.03	\$61.77	\$60.99	\$60.09	\$65.17	\$64.67	\$63.64	\$67.28	\$81.89	\$70.62
<i>Apr</i>	\$61.88	\$59.71	\$59.49	\$55.02	\$55.44	\$55.92	\$61.86	\$82.63	\$71.74	\$70.32
<i>May</i>	\$64.71	\$65.51	\$60.32	\$58.86	\$58.55	\$58.55	\$59.69	\$72.66	\$67.01	\$64.54
<i>June</i>	\$58.30	\$65.51	\$58.54	\$52.17	\$55.30	\$53.44	\$86.91	\$77.60	\$69.40	\$63.88
<i>Jul</i>	\$56.91	\$56.95	\$58.29	\$67.87	\$54.29	\$55.98	\$81.04	\$85.31	\$90.02	\$70.06
<i>Aug</i>	\$55.27	\$57.67	\$59.00	\$66.55	\$54.58	\$78.40	\$72.03	\$96.60	\$82.90	\$67.05
<i>Sep</i>	\$56.06	\$56.97	\$62.36	\$55.00	\$54.34	\$64.93	\$82.38	\$127.29	\$68.06	\$66.46
<i>Oct</i>	\$56.97	\$59.23	\$59.79	\$59.36	\$59.70	\$62.82	\$75.92	\$83.45	\$83.76	\$75.70
<i>Nov</i>	\$59.68	\$64.18	\$62.14	\$64.60	\$63.80	\$63.60	\$70.47	\$96.34	\$73.03	\$85.85
<i>Dec</i>	\$57.90	\$61.51	\$58.80	\$61.61	\$58.55	\$60.33	\$70.07	\$161.27	\$71.99	\$68.50
<i>Yr Avg</i>	\$59.63	\$60.64	\$60.15	\$60.23	\$58.87	\$61.42	\$70.61	\$90.80	\$81.41	\$71.25
<i>Weighted Avg</i>	\$58.99	\$59.55	\$59.90	\$60.56	\$58.11	\$61.98	\$72.46	\$92.09	\$81.92	\$70.43

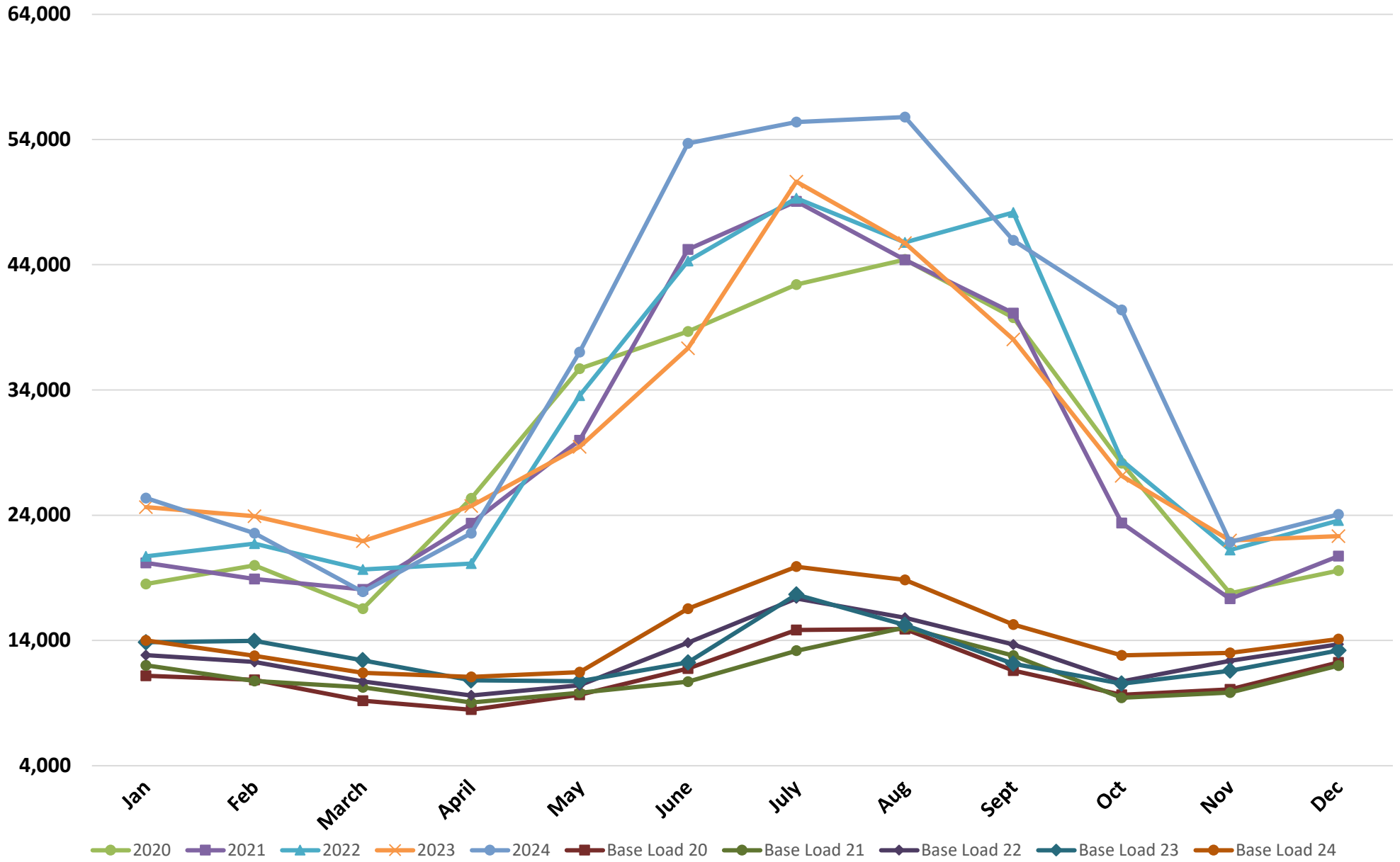
**Cy to
Date**

These figures capture the total cost of power to the power department. The power department uses costs only associated with the purchasing and generation of power and includes debt payments and interest associated with power resources.

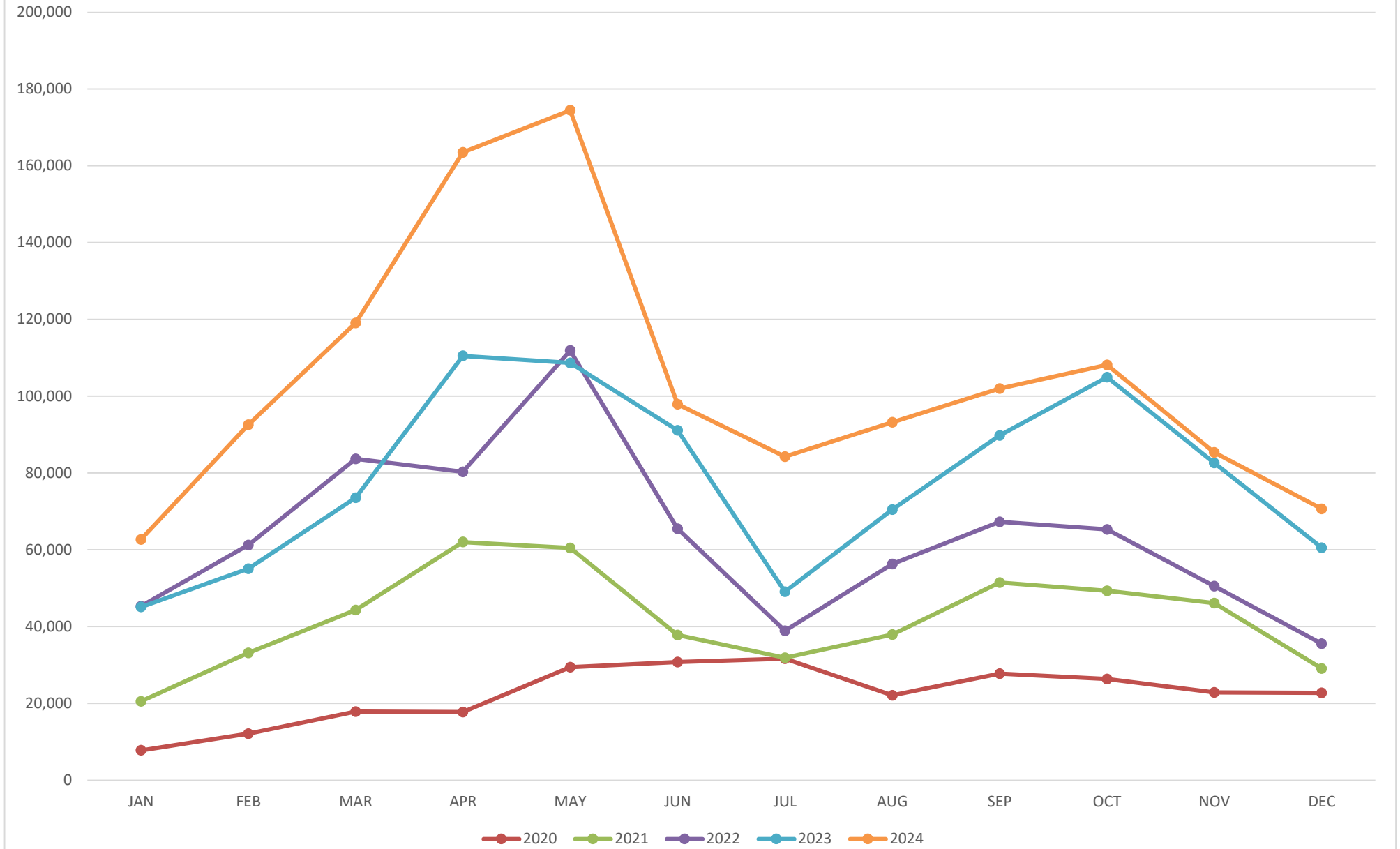
Avg Monthly Price

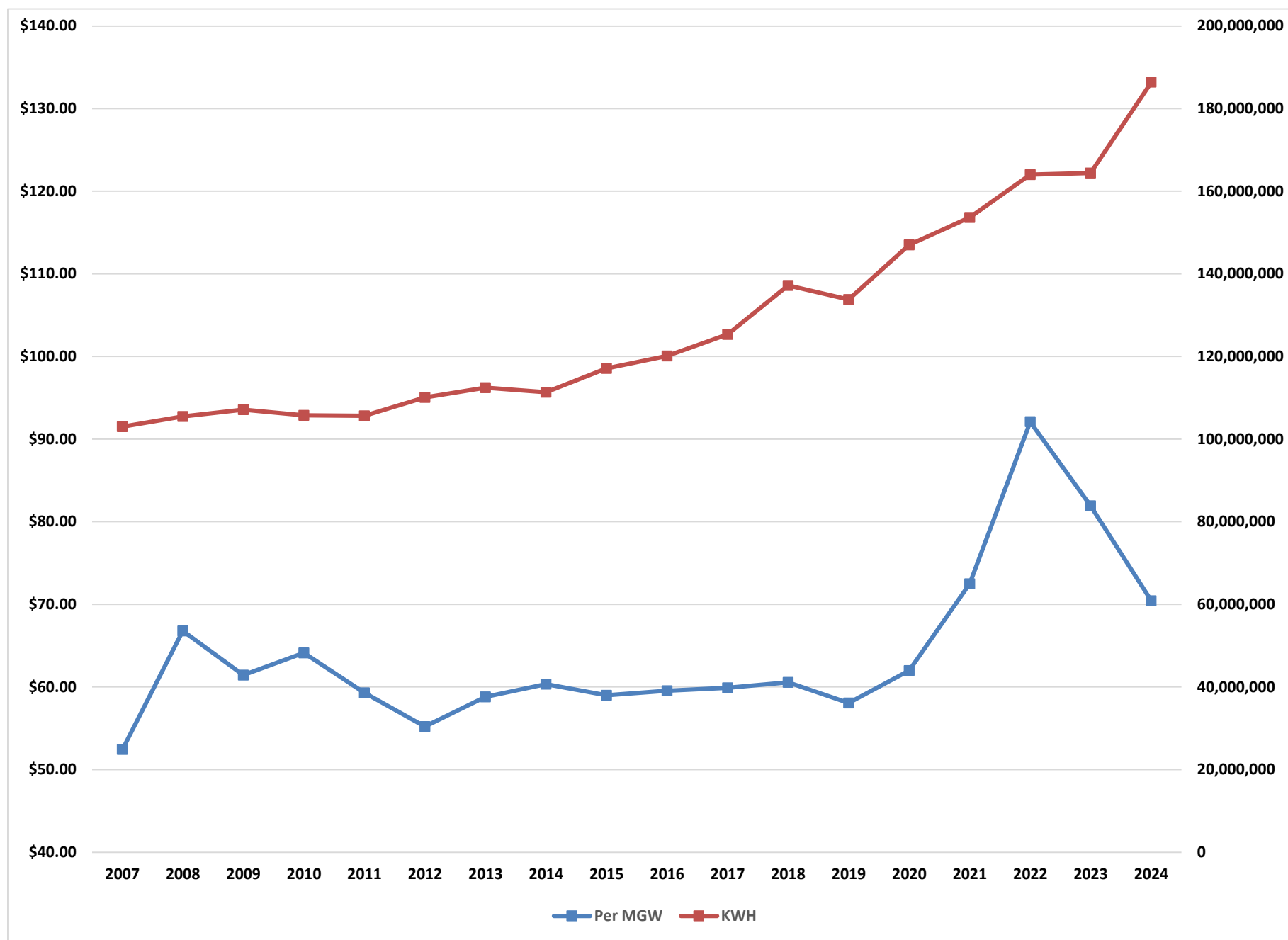


2020 - 2024 KW LOAD



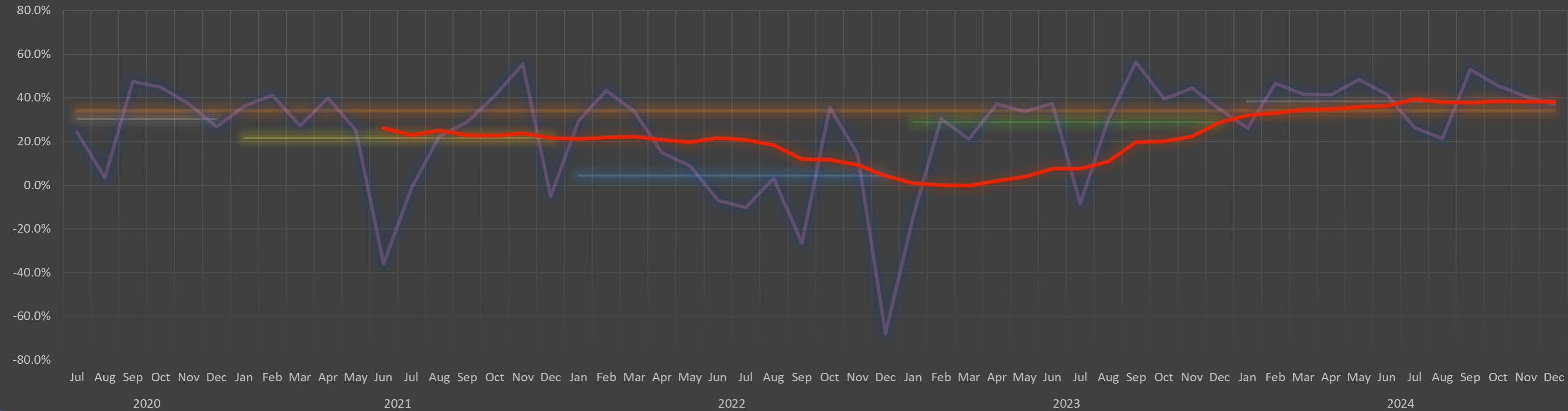
Solar Kwh



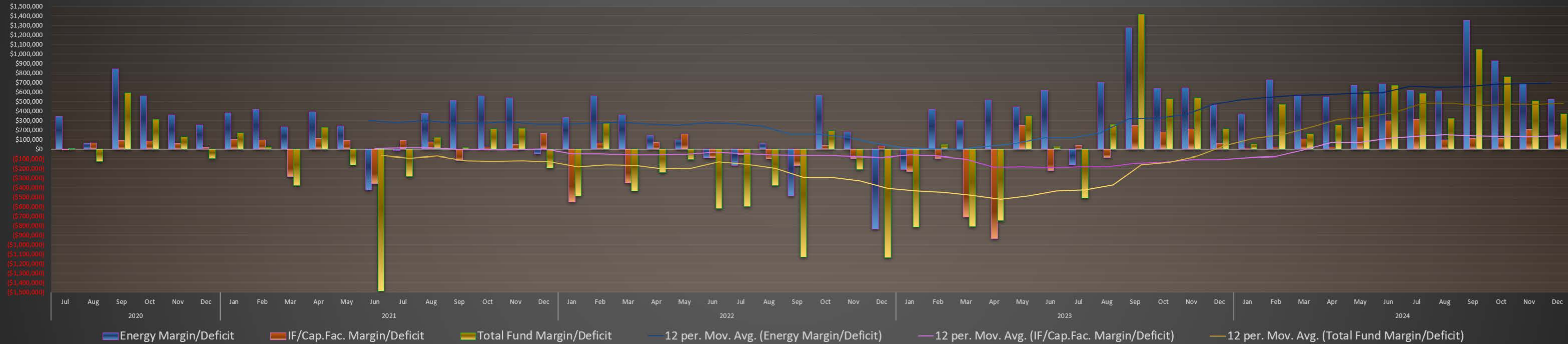


Energy Margin/Deficit Statistics

Avg. Margin 2004-2020 2020 Avg. Margin 2021 Avg. Margin 2022 Avg. Margin 2023 Avg. Margin 2024 Avg. Margin Monthly Rolling 12 Month Avg.

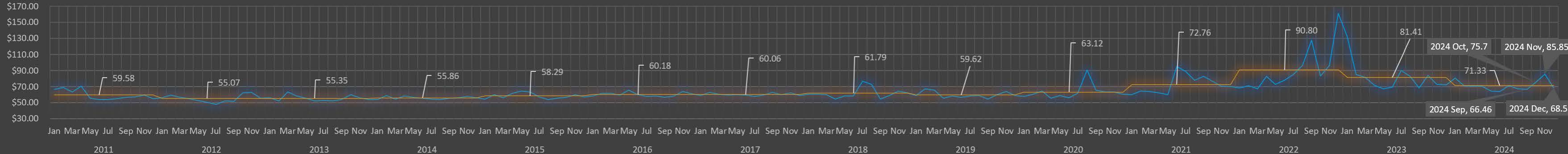


Total Fund Margins And Deficits With TREND LINES



Power Prices For Hurricane City

— AVG/Month — AVG/Year



RESOLUTION

A RESOLUTION OF THE CITY COUNCIL OF HURRICANE, UTAH, APPOINTING A REPRESENTATIVE TO SERVE ON UAMPS

WHEREAS, Hurricane City is a member of Utah Associated Municipal Power Systems (UAMPS); and

WHEREAS, Hurricane City wishes to appoint a representative of Hurricane City to serve on the UAMPS Board of Directors;

BE IT HEREBY RESOLVED by the City Council of Hurricane City, Utah;

1. That Scott Hughes is hereby appointed as its Representative to Utah Associated Municipal Power Systems (UAMPS) Board of Directors effective immediately, together with such alternate or alternates as the Mayor shall appoint.
2. That the Mayor hereby appoints Brian Anderson and Michael Ramirez as its alternates.
3. That this resolution shall remain in effect until repealed by another resolution appointing a different Representative to UAMPS.

PASSED AND APPROVED this 6th day of February 2025.

Nanette Billings, Mayor

ATTEST:

Cindy Beteag, Recorder

The foregoing Resolution was presented at a regular meeting of the Hurricane City Council held at the Hurricane City Office Building on the 6th day of February 2025. Whereupon a motion to adopt and approve said Resolution was made by _____ and seconded by _____. A roll call vote was then taken with the following results:

	Yea	Nay	Abstain	Absent
David Hirschi	___	___	___	___
Kevin Thomas	___	___	___	___
Clark Fawcett	___	___	___	___
Drew Ellerman	___	___	___	___
Joseph Prete	___	___	___	___

Cindy Beteag, Recorder



UTAH ASSOCIATED MUNICIPAL POWER SYSTEMS

January 2025

Project Meeting Overview Report

CARBON FREE POWER PROJECT (CFPP)

1. Discussed in Executive Session:
 - a. Project wind down status, timeline and DOE engagement.

COLORADO RIVER STORAGE PROJECT (CRSP)

1. **Approved Provo River O&M Budget Amendment #13, as presented.**
2. **Approved Olmsted O&M Budget Amendment #14, as presented.**
3. Discussed the Operations Report including output for each resource for the month of December.

GOVERNMENT AND PUBLIC AFFAIRS PROJECT (GPA)

1. Discussed Federal & State Legislation including Executive Branch and Congressional Updates:
 - a. Federal including Executive and Congress updates.
 - b. Legislative leadership including House and Senate.
 - c. UAMPS Hill Strategy for the upcoming session.
 - d. Overview of the Utah House Public Utilities Committee, the Utah House Natural Resources Committee, the Utah Senate Public Utilities Committee and the Utah Senate Natural Resources Committee.
 - e. Actionable items including Federal and State Jurisdiction.
 - f. Generation including large new load and new generation.
 - g. Bills including filed and potential energy bills in this legislative session.
 - h. 2025 General Session and the topics of focus including energy-related issues.

2. Discussed scheduling UAMPS 2025 General Session weekly briefing calls.
3. **Legislative Reception at the Utah State Capitol is scheduled for February 18, 2024.**
4. **Reminder to RSVP to UAMPS for the 2025 APPA Legislative Rally.**
5. Discussed new lobbyist to assist UAMPS in the 2025 General Session.

HUNTER PROJECT

1. Discussed project updates including PacifiCorp IRP draft, 2027 major overhaul for Hunter 2, coal supply and Hunter 2 EDAM participation.
2. Discussed the Operations Report including plant scheduled output for the month of December.

MILLARD COUNTY PROJECT

1. Discussed in Executive Session:
 - a. Project update including current status, land options and next steps.

POOL PROJECT

1. Discussed in Executive Session:
 - a. EDAM total project cost and funding mechanism for the 2-phases; implementation and on-going.
 - b. Scheduling coordinator update including scheduling an Interim PMC Meeting to approve the contract.
2. **Approved resolution to provide authorization and delegate authority to the PMC to approve the scheduling coordinator contract.**
3. Discussed the PX & Scheduling Report including a history of UAMPS yearly energy usage, annual energy load growth by member and average daily solar generation.
4. Discussed forecasts and a forward market term purchase including market pricing and staff recommendation. Solicitation for purchase amounts to be sent to members.
5. Discussed the Operations Report for the month of December including load peak and energy.

RESOURCE PROJECT

1. Discussed in Executive Session:
 - a. Power County Natural Gas including current status, subscription status, site activity and next steps.
 - b. Rodatherm & Cove Fort 2 Geothermal Study Project including current status, timeline and next steps.
 - c. Uinta Wind Study Project including current status, timeline and next steps.

BOARD OF DIRECTORS MEETING

1. **Approved resolution delegating authority to the Assistant General Manager of UAMPS in case of the Chief Executive Officer's unavailability, incapacitation, or death.**
2. Discussed the Operations Report:
 - a. Natural Gas including regional storage and gas consumption for electricity generation.
 - b. Seasonal outlook including January forecast, La Niña impacts and other upcoming month's forecasts.
 - c. Western Market development and participation including PacifiCorp EDAM Tariff.
 - d. Industry news including electricity consumption and generation by source forecast.
 - e. Transmission update including North Plains Connector Project.
 - f. California wildfire updates including PSPS notifications, Whisker Labs grid fault data analysis and on-going power outages.
3. Discussed and concurred with the staff implementing new monthly meeting schedule for UAMPS PMC and Board Meetings.
4. Discussed and concurred with staff creating a new initiative to have UAMPS staff participate in community service projects within membership service areas.
5. Discussed the updated UAMPS email lists including how to add additional staff to specific lists.
6. Approved all action items for the Project Meetings.



TO GPA
FROM Mike Squires, Managing Director of Government Affairs
DATE January 2025
SUBJECT Utah 2025 General Session Energy Legislation

Background: The Utah State Legislature is focused on energy this session, and they are concerned about a few high-level topics including: (1) Large new loads; (2) Rocky Mountain Power/PacifiCorp; (3) Nuclear energy; (4) Intermountain Power Plant; and (5) Roof top solar. Below is a summary of the most consequential bills. Those highlighted in yellow are ones that UAMPS is most focused on at this time.

Bill	Short Title	Sponsor
HB 70	<u>Decommissioned Asset Disposition Amendments</u>	Jack
HB 72	<u>Electricity Rate Amendments</u>	Albrecht
HB 85	<u>Environmental Permitting Modifications</u>	Clancy
HB 157	<u>Energy Education Amendments</u>	Jack
HB 201	<u>Energy Resource Amendments</u>	Jack
HB 212	<u>Grid Enhancing Technologies</u>	Watkins
HB 241	<u>Solar Power Plant Amendments</u>	Jack
HB 249	<u>Nuclear Power Amendments</u>	Albrecht
HB 264	<u>Tax Incentives Amendments</u>	Christofferson
HCR 5	<u>House Concurrent Resolution on Permitting Reform</u>	Ballard
SB 61	<u>Energy Corridor Amendments</u>	Owens
SB 132	<u>Electric Utility Amendments</u>	Sandall
SB 192	<u>Commercial Wind and Solar Incentives Amendments</u>	Owens
SCR 3	<u>Concurrent Resolution Regarding Utah's Authority to Determine its Energy Future</u>	Harper

House Bills:

HB 70: Decommissioned Asset Disposition Amendments:

Sponsor: Representative Jack / Phone: 435-301-4878 / Email: cjack@le.utah.gov

Intern: Eli Weaver / Phone: 385-420-3074 / Email: eweaver@le.utah.gov

Summary: Prohibits a project entity from altering facilities that provide power to station service; disconnecting from or modifying existing interconnections and critical switchyard equipment; and taking actions that would require a new plant owner to make an interconnection request.

UPDATE: IPA is working with bill sponsor on a solution to address IPA concerns.

HB 72: Electricity Rates Amendments:

Sponsor: Representative Albrecht / Phone: 435-979-6578 / Email: calbrecht@le.utah.gov

Intern: Joe Boyle / Phone: 385-420-3096 / Email: jboyle@le.utah.gov

Summary: Establishes requirements for the Public Service Commission to prioritize Utah ratepayer interests when allocating utility costs; prohibits cost recovery from Utah ratepayers for facilities and programs primarily benefiting other states; eliminates electrical corporation energy balancing account cost recovery for costs incurred after December 31, 2024; and maintains existing energy balancing account provisions for costs incurred before December 31, 2024.

UAMPS Position: Neutral, but bill does impact Rocky Mountain Power (RMP). (see HB 201 Energy Resource Amendments below another bill targeting RMP's IRP process.)

HB 157: Energy Education Amendments:

Sponsor: Representative Jack / Phone: 435-301-4878 / Email: cjack@le.utah.gov

Intern: Eli Weaver / Phone: 385-420-3074 / Email: eweaver@le.utah.gov

Summary: Requires the Office of Energy Development to develop and maintain energy education programs and curricula for grades K-12; develop and provide professional development training for educators; develop energy related workforce development programs; and establish the Energy Education and Workforce Development Task Force (on which UAMPS would have a seat); outlines the responsibilities and duties of the task force.

UAMPS Position: Supportive and bill would allow UAMPS a seat on this education task force.

HB 201: Energy Resource Amendments:

Sponsor: Representative Jack / Phone: 435-301-4878 / Email: cjack@le.utah.gov

Intern: Eli Weaver / Phone: 385-420-3074 / Email: eweaver@le.utah.gov

Summary: Requires full cost attribution for supplemental resources in integrated resource plans; establishes requirements for calculating generation capacity; and prohibits certain involuntary demand management programs. The biggest thing to note here is that RMP cannot count demand side management as generation in their integrated resource plan (IRP). Further, it requires that RMP must provide accurate accounting for the capacity factors of variable resources (e.g. wind, solar and batteries) in their IRP.

UAMPS Position: Neutral, but bill does impact Rocky Mountain Power (RMP). (see HB 72 Energy Rate Amendments above that would also place a restriction on RMP's energy balancing account (EBA).)

HB 212: Grid Enhancing Technologies:

Sponsor: Representative Watkins / Phone: 435-650-1969/ Email: christinewatkins@le.utah.gov

Intern: Gabi Erickson / Phone: 385-420-3090 / Email: gerickson@le.utah.gov

Summary: Outlines cost-effectiveness analyses and approval procedures when a large-scale electric utility (utility) proposes advanced transmission technology deployment; and provides that a utility may recover approved costs.

UAMPS Position: Supportive to neutral, but bill does impact Rocky Mountain Power (RMP) as far as approved costs for grid enhancing technologies. (see HB 72 and 201 above also impacting RMP.)

HB 264 Tax Incentives Amendments:

Sponsor: Representative Chistofferson / Phone: 801-592-5709 / Email: kchristofferson@le.utah.gov

Intern: Sheena Bautista / Phone: 385-420-3088 / Email: sbautista@le.utah.gov

Summary: Provides that a taxpayer may claim a corporate or individual income tax credit for clean energy systems for a taxable year that begins before January 1, 2032. Schedules the future repeal of the clean energy system income tax credits. Repeals the individual income tax credit for qualifying solar projects and the corporate and individual income tax credits for alternative energy development; and makes technical changes. The latest substitute provides a sunset of this tax credit in 10 years with 48-month extension if project is placed in commercial service within 10-year sunset.

UPDATE: UAMPS is evaluating the indirect impact that this may have on future renewable energy projects that might utilize these tax credits.

HB 249: Nuclear Power Amendments:

Sponsor: Representative Albrecht / Phone: 435-979-6578 / Email: calbrecht@le.utah.gov

Intern: Joe Boyle / Phone: 385-420-3096 / Email: jboyle@le.utah.gov

Summary: Creates the Nuclear Energy Consortium within the Office of Energy Development and establishes its membership and duties; creates the Utah Energy Council within the office and establishes its membership and duties; modifies the duties and name of the Utah San Rafael Energy Lab Board; establishes a process for designating electrical energy development zones; creates the Electrical Energy Development Investment Fund and provides for its administration; and establishes authorized uses of fund money.

UAMPS Position: Supportive of this bill and bill sponsor recognizes UAMPS' expertise on nuclear energy and intends to include UAMPS in the nuclear consortium that this bill creates.

HCR 5: House Concurrent Resolution on Permitting Reform:

Sponsor: Representative Ballard / Phone: 801-633-6561/ Email: mballard@le.utah.gov

Intern: Katherine Wooten / Phone: 385-420-3107 / Email: kwooten@le.utah.gov

Summary: Recognizes the importance of domestic energy production for national security and economic competitiveness; highlights issues with current federal permitting processes that delay energy infrastructure development; details specific problems with current permitting timelines and processes; emphasizes the need for streamlined permitting while maintaining environmental protection; and urges Congress to enact specific reforms to federal permitting and environmental review

UAMPS Position: Supportive of this resolution and continues to support the goals of this resolution with the work we do with the Utah federal delegation.

Senate Bills:

SB 61: Energy Corridors Amendments:

Sponsor: Senator Owens/ Phone: 435-851-1284 / Email: derrinowens@le.utah.gov

Intern: Adam Huff / Phone: 385-441-0600 / Email: ahuff@le.utah.gov

Summary: requires a person filing an eminent domain action for certain telecommunications, electric light, and electric power infrastructure to conduct an infrastructure siting analysis; and coordinate with federal land management agencies before pursuing condemnation of private lands. Right now, the largest concern with this bill is the siting analysis and additional steps that are required before eminent domain can be asserted. The concern UAMPS has with this bill is infrastructure siting delays.

UPDATE: UAMPS Continues to work with the bill sponsor and other interested energy stakeholders to find a solution to the potential unintended consequences of this legislation. Presently, we are exploring ways to tighten the definition of “feasible.”

SB 132: Electric Utility Amendments: (“Large load bill”)

Sponsor: Senator Sandall/ Phone: 435-279-7551/ Email: ssandall@le.utah.gov

Intern: Rebecca Bankhead / Phone: 801-946-5752 / Email: rbankhead@le.utah.gov

Summary: SB 132 provides a process for a “large-scale customers” seeking electric service of 50 megawatts or greater to procure new energy either through Rocky Mountain Power or through another “large-scale generator provider.” The bill would require that power provided through a large-scale generator must meet certain capacity requirements. Essentially, the power could not be met by renewables.

UPDATE: UAMPS continues to monitor this bill and suggested changes to ensure that UAMPS ratepayers and member service territories are not harmed.

SCR 5: Concurrent Resolution Regarding Utah's Authority to Determine its Energy Future:

Sponsor: Senator Harper / Phone: 801-647-8401 / Email: wharper@le.utah.gov

Intern: Hadlie Eppel / Phone: 801-870-8153 / Email: heppel@le.utah.gov

Summary: This resolution affirms that the authority to determine energy policies substantially affecting the well-being of state residents is among the powers reserved to the states under the Tenth Amendment; asserts Utah's right to play a primary role in determining energy policies within its borders; encourages Congress to pass legislation requiring federal agencies to demonstrate adequate consultation with states before implementing energy-related regulations; and calls for the creation of formal mechanisms for state input in federal energy policy decisions.

UAMPS Position: UAMPS supports this resolution and continues to support the goals of this resolution with the work we do with the Utah federal delegation.

Government and Public Affairs Project

Mike Squires
Managing Director of Government Affairs



Executive and Congressional Update

- Tax Cuts and Jobs Act (TCJA) extension and pay fors – targeting the Inflation Reduction Act (IRA)
- Nominations
- Speaker Johnson passed on first round
- Congress passes Laken Riley Act with 48 House Dems and 9 Senate Dems – a promising sign for more bipartisanship



Why this matters Congress started the 119th Congress and it is off to the races to find a solution to the Tax Cuts and Jobs Act, nominations, and other priorities of the President. There's hope for bipartisan compromise on some issues, but this likely won't extend to TCJA.



Actionable Items



**Federal Generation
Jurisdiction**

**Federal Transmission
Jurisdiction**



Utah can find better ways to convene regular meetings between stakeholders, federal delegation staff and AG office e.g. energy stakeholder representation on Federalism Commission

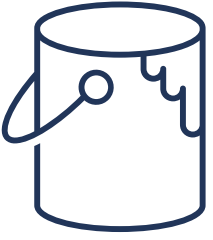


**State Generation
Jurisdiction**

**State Transmission
Jurisdiction**



Generation – Large New Load or New Generation



Large New Load:

- Ideas being discussed at state level:
 - Opening up the Kennecott legislation – applicable to loads as small as 1 MW
 - Sen. Sandall bill details needed
 - Sen. Cullimore and leadership

New Generation:

- Air permitting – see federal jurisdiction
- Transmission – see federal jurisdiction
- Allocating risk to existing ratepayers



Deregulation, direct access actionable principles

- Cost responsibility: Cost studies, interconnection costs and upgrades
- PPA negotiation with the utility
- Default and liability protection: Bond or other suitable financial instrument to cover all unpaid costs
- Member rate tariff: Utility to adopt rate schedule/tariff
- Avoided cost for data center generating power from data center
- Megawatt threshold: 5 MW to 50 MW likely more 150 + MW



Kennecott Legislation – SB 67 (2014)

208 (17) "Nonutility energy supplier" means a person that:
209 (a) has received market-based rate authority from the Federal Energy Regulatory
210 Commission in accordance with 16 U.S.C. Sec. 824d, 18 C.F.R. Part 35, Filing of Rate
211 Schedules and Tariffs, or applicable Federal Energy Regulatory Commission orders; or
212 (b) owns, leases, operates, or manages an electric plant that is an electric generation
213 plant that:
214 (i) has a capacity of greater than 100 megawatts; and
215 (ii) is hosted on the site of an eligible customer that consumes the output of the electric
216 plant, in whole or in part, for the eligible customer's own use or the use of the eligible
217 customer's tenant or affiliate.



Kennecott Legislation – SB 67 (2014) Public Utility

344 (i) "Public utility" does not include:

345 (i) an eligible customer who provides electricity for the eligible customer's own use or
346 the use of the eligible customer's tenant or affiliate; or

347 (ii) a nonutility energy supplier that sells or provides electricity to:

348 (A) an eligible customer who has transferred the eligible customer's service to the
349 nonutility energy supplier in accordance with Section [54-3-32](#); or

350 (B) the eligible customer's tenant or affiliate.



Kennecott Legislation – SB 67 (2014) Eligible Customer

158 (9) "Eligible customer" means a person who:

159 (a) on December 31, 2013:

160 (i) was a customer of a public utility that, on December 31, 2013, had more than

161 200,000 retail customers in this state; and

162 (ii) owned an electric plant that is an electric generation plant that, on December 31,

163 2013, had a generation name plate capacity of greater than 150 megawatts; and

164 (b) produces electricity:

165 (i) from a qualifying power production facility for sale to a public utility in this state;

166 (ii) primarily for the eligible customer's own use; or

167 (iii) for the use of the eligible customer's tenant or affiliate.

168 (10) "Eligible customer's tenant or affiliate" means one or more tenants or affiliates:

169 (a) of an eligible customer; and



Kennecott Legislation – SB 67 (2014) Eligible Customer Affiliate

- 168 (10) "Eligible customer's tenant or affiliate" means one or more tenants or affiliates;
169 (a) of an eligible customer; and
170 (b) who are primarily engaged in an activity:
171 (i) related to the eligible customer's core mining or industrial businesses; and
172 (ii) performed on real property that is:
173 (A) within a 25-mile radius of the electric plant described in Subsection (9)(a)(ii); and
174 (B) owned by, controlled by, or under common control with, the eligible customer.



2025 General Session Briefing Calls

- Working on legislative tracking system
- Briefing sheet with each call
- Calls will run over strategy and talking points for governing boards



Lobbying Assistance 2025 General Session

- **Stephen Hunter**
- **Lobbying for UMPA for several years**
- **Worked on energy issues in the past – specifically public power**
- **Zero budgetary impact**



Project Update

Hunter Project



January 14, 2025
Matt Hastings



Hunter 2 BLUF

- PacifiCorp IRP draft update shows continued Hunter operation
- Questions outstanding for rotor rewind in 2027 major overhaul
- Continued positive outlook for coal supply
- Plans for Hunter in EDAM still under review

PacifiCorp IRP Update

- PacifiCorp filed draft new Integrated Resource Plan December 31, 2024
- Shows the best solution is to operate Hunter 2 beyond 2044

Table 1.2 – 2025 IRP Coal Resource Results Summary

Majority-Owned Coal		
Unit	2023 IRP Update Retirement Year	2025 IRP Retirement Year
	As Selected	As Selected
Dave Johnston 1 & 2	2028 (Coal ash compliance)	Not retired (Gas conversion 2029)
Dave Johnston 3	2027 (Clean air compliance)	2027 (Clean air compliance)
Dave Johnston 4	2039 (Assumed end of life)	Not retired
Hunter 1-3	2042 (Assumed end of life)	Not retired

Hunter 2 Major Overhaul 2027

- Planning rotor rewind
- Joint Owners agreed on moving forward with new copper rewind on rotor
- Vendor updated pricing
 - Citing inflation of copper, price more than doubled for rewind

Hunter 2 Major Overhaul cont'd

- Pushing back on the vendor price increase
- Still have option to process and reuse old copper
 - Outage impact is 64 days vs. 72 days
- Begin date for outage moved from February 20, 2027 to March 13, 2027 to improve market pricing during outage

Hunter Other Items

- PacifiCorp working on decommissioning cost update for planning purposes
- Still planning for Fossil Rock longwall to be ready end of 2025
 - Forecast shows sufficient coal
- Plant planning to be under budget for current fiscal year for unit 2

Hunter 2 Allocator and EDAM



Hunter 2 Allocator

- In November presented concepts for EDAM participation
- EDAM presents challenges for Hunter participation
- Joint owners want to individually bid their share into EDAM
- Enabling mechanism could be through allocator implementation

Hunter 2 Allocator Virtual Units



UAMPS 0 - 65 MW



Deseret 0 - 112 MW



PacifiCorp 0 - 269 MW

Hunter 2 Settled Financially

Or...



PacifiCorp Bids
80-446 MW

And

- Public Power Joint Owners self schedule their share of the unit
- Settled as tagged transfer to Joint Owners rather than generating resource

Hunter 2 Allocator Next Steps

- Regular meetings ongoing with PacifiCorp executives
- All parties are working on an equitable solution
- Solution may not be a virtual unit allocator

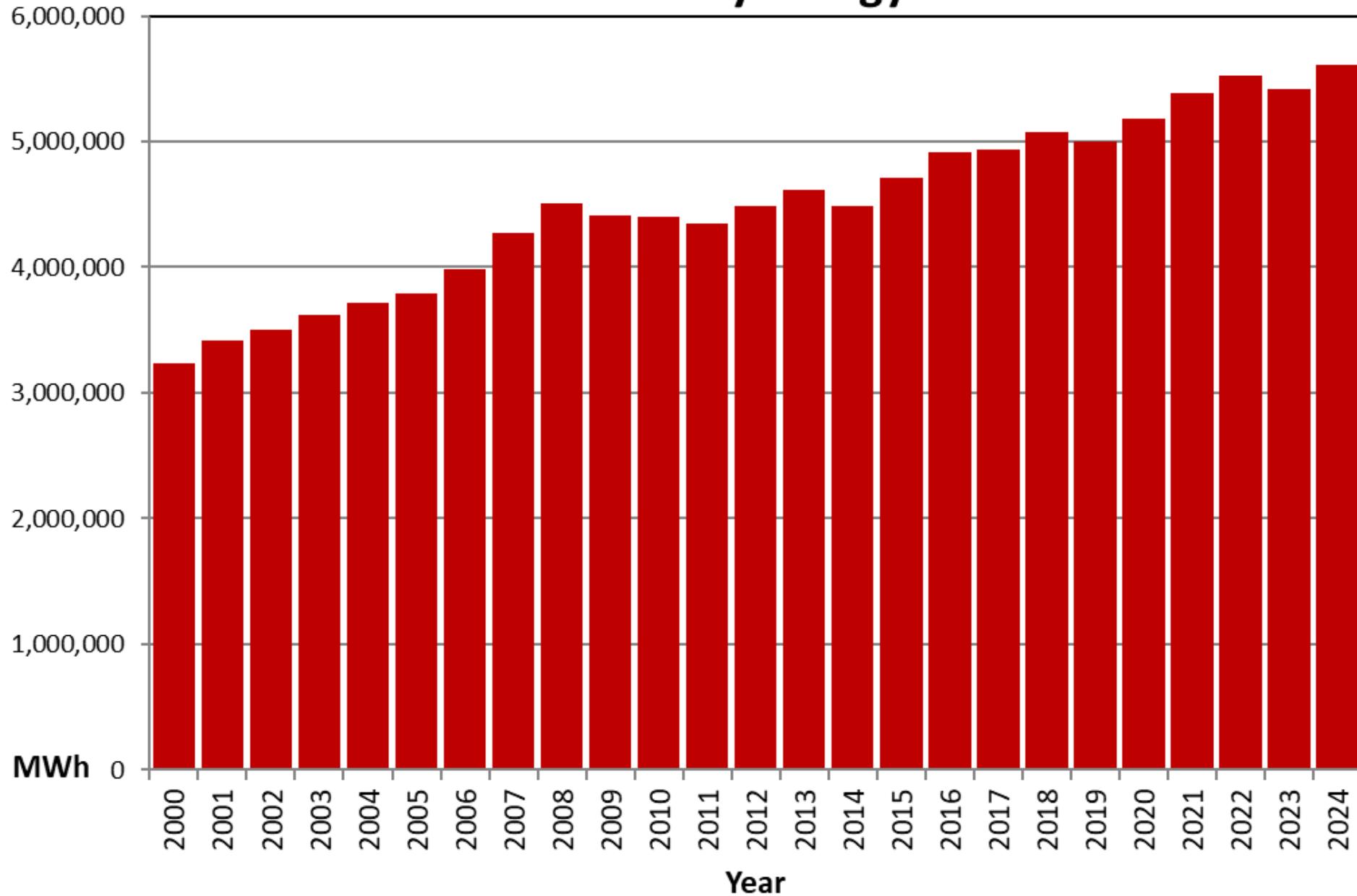


PX & Scheduling Report December 2024

Pool Project **UAMPS**

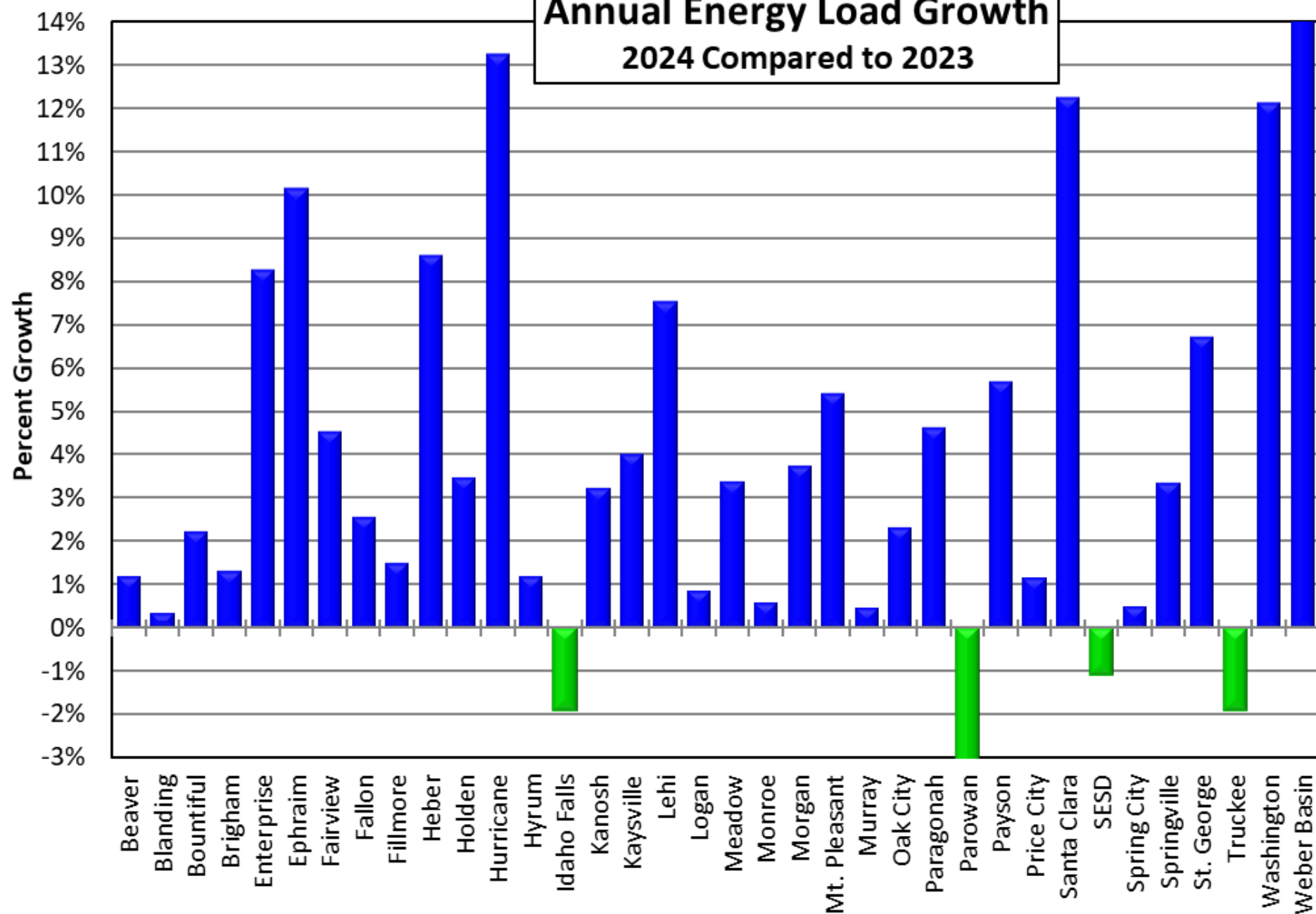
Kelton Andersen

UAMPS Yearly Energy

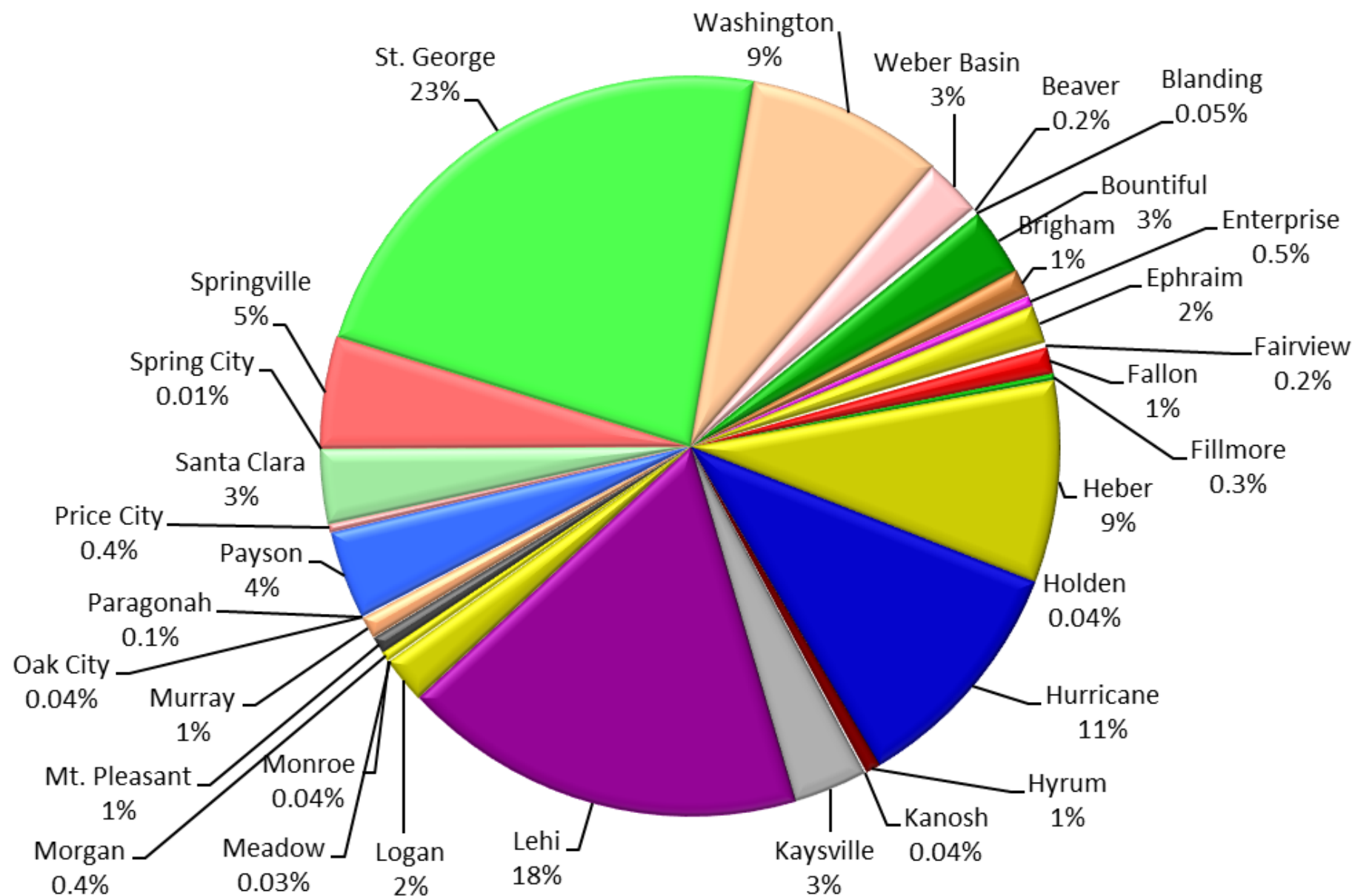


2023 to 2024
Growth = 3.7%

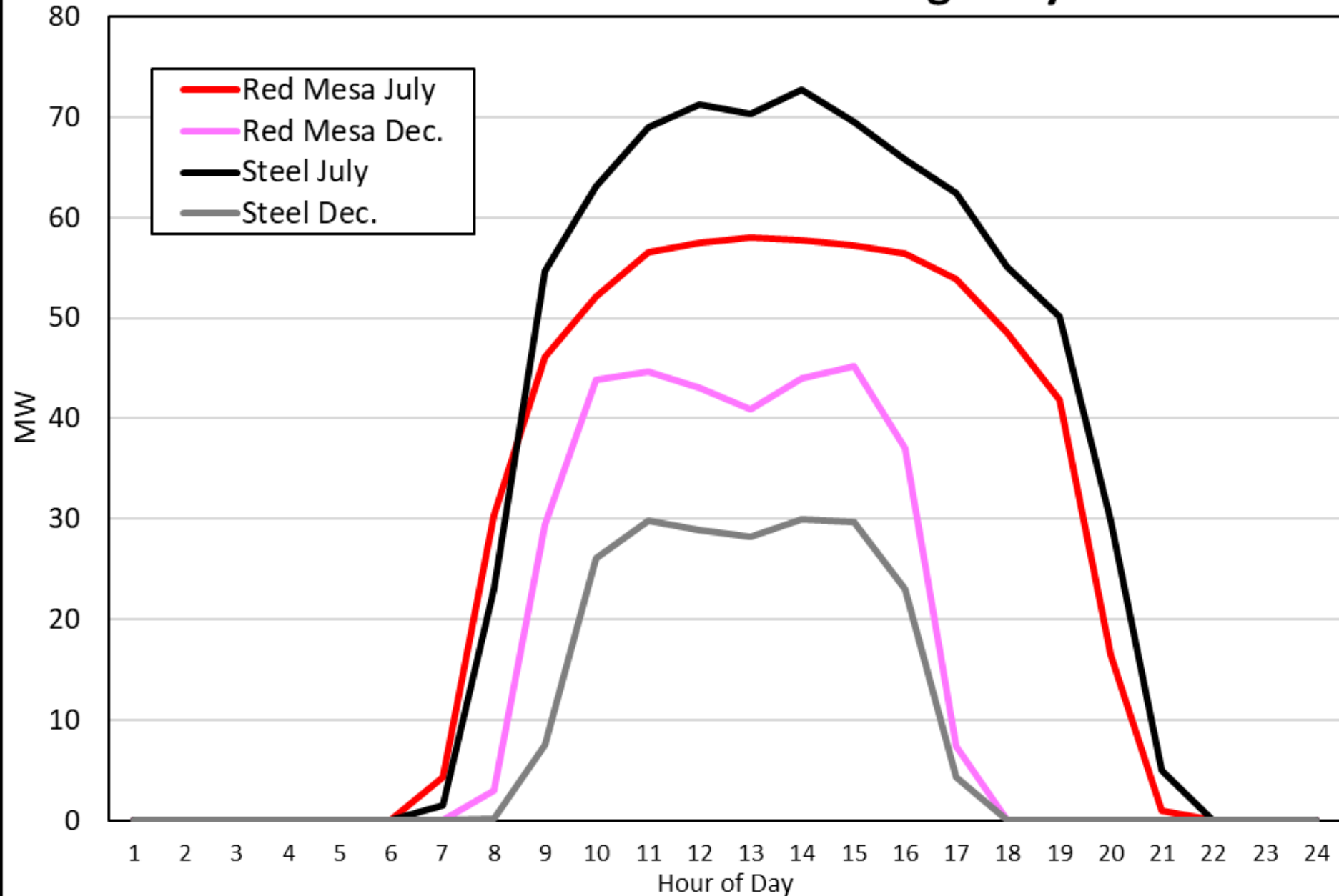
Annual Energy Load Growth 2024 Compared to 2023



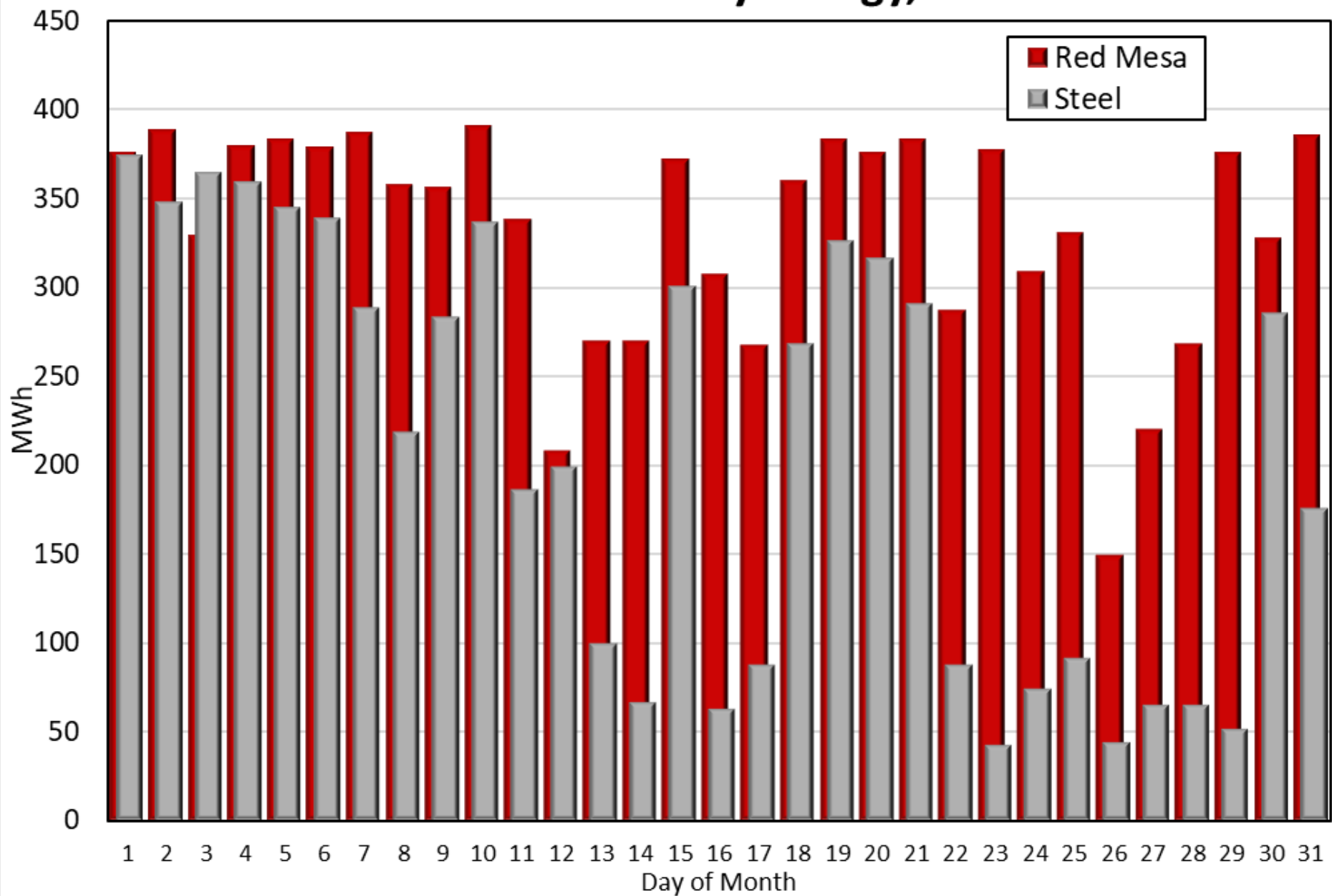
Share of Total (Members w/ Positive 2024 Growth)



Solar Generation: Average Days



Solar Generation: Daily Energy, Dec-2024



Forecast

(2025 & 2027)

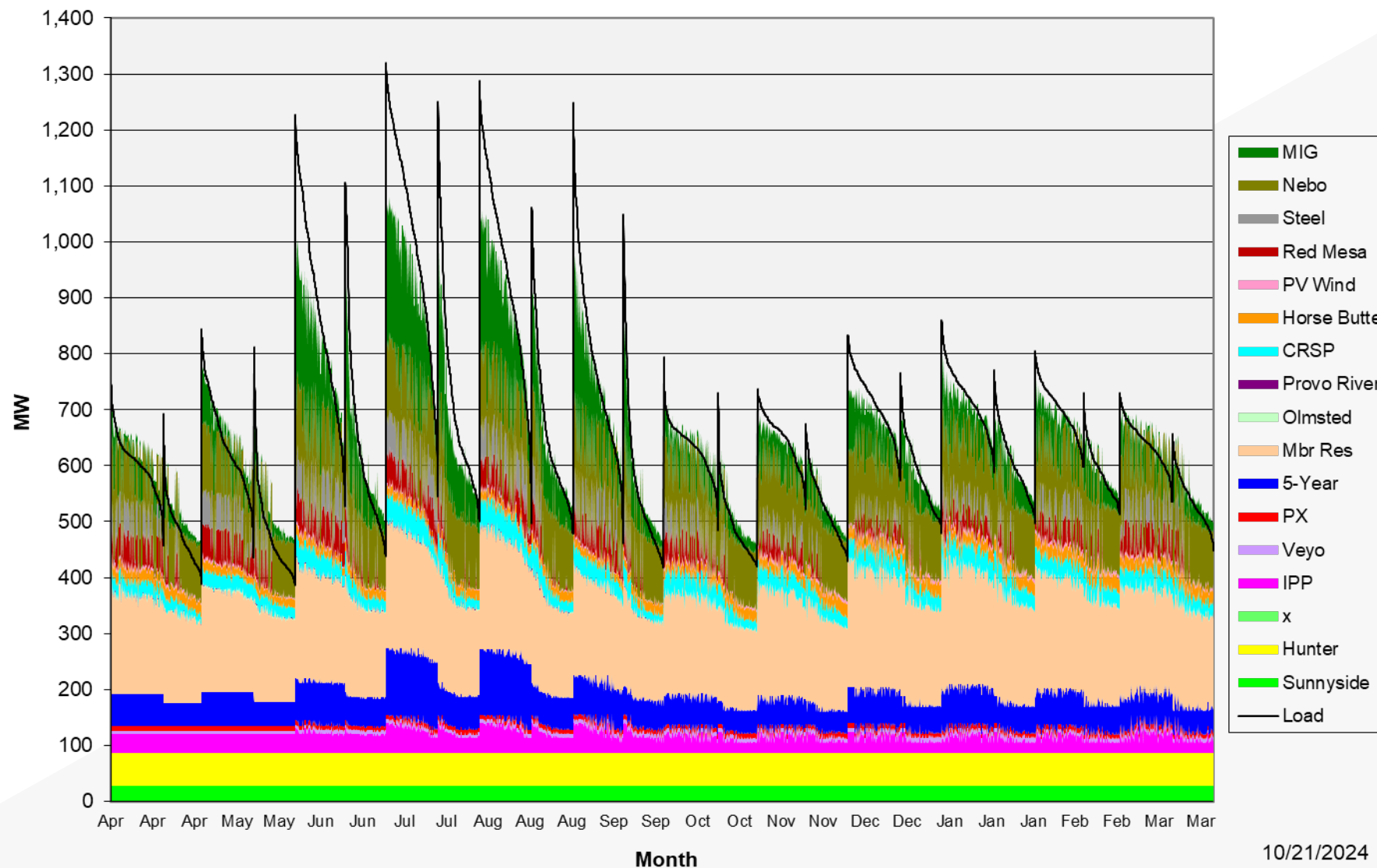
Pool Project

UAMPS

Kelton Andersen



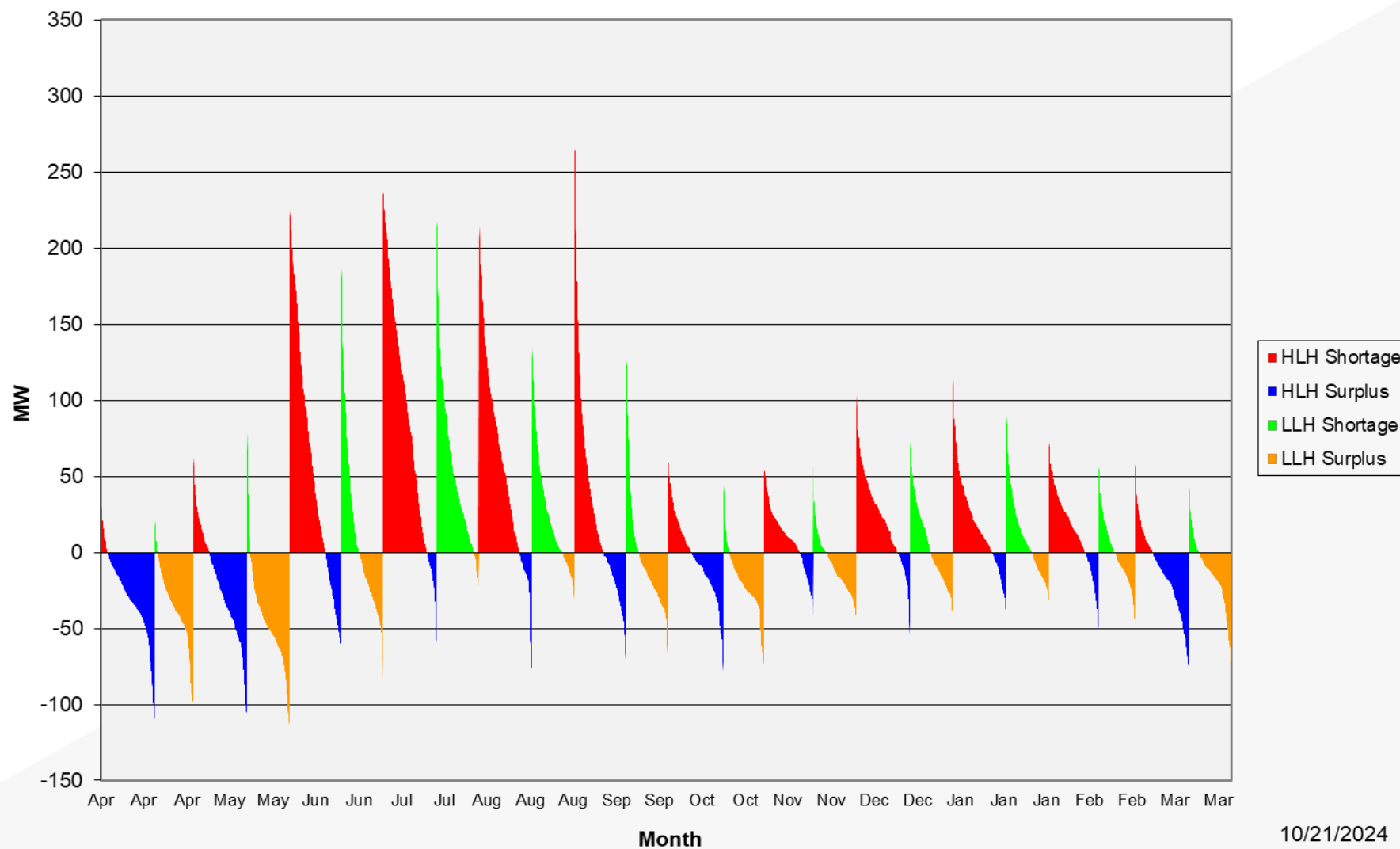
UAMPS Total Forecasted Load and Resources, April 2025 - March 2026



10/21/2024



UAMPS Total Forecasted Load Compared to Resources, April 2025 - March 2026

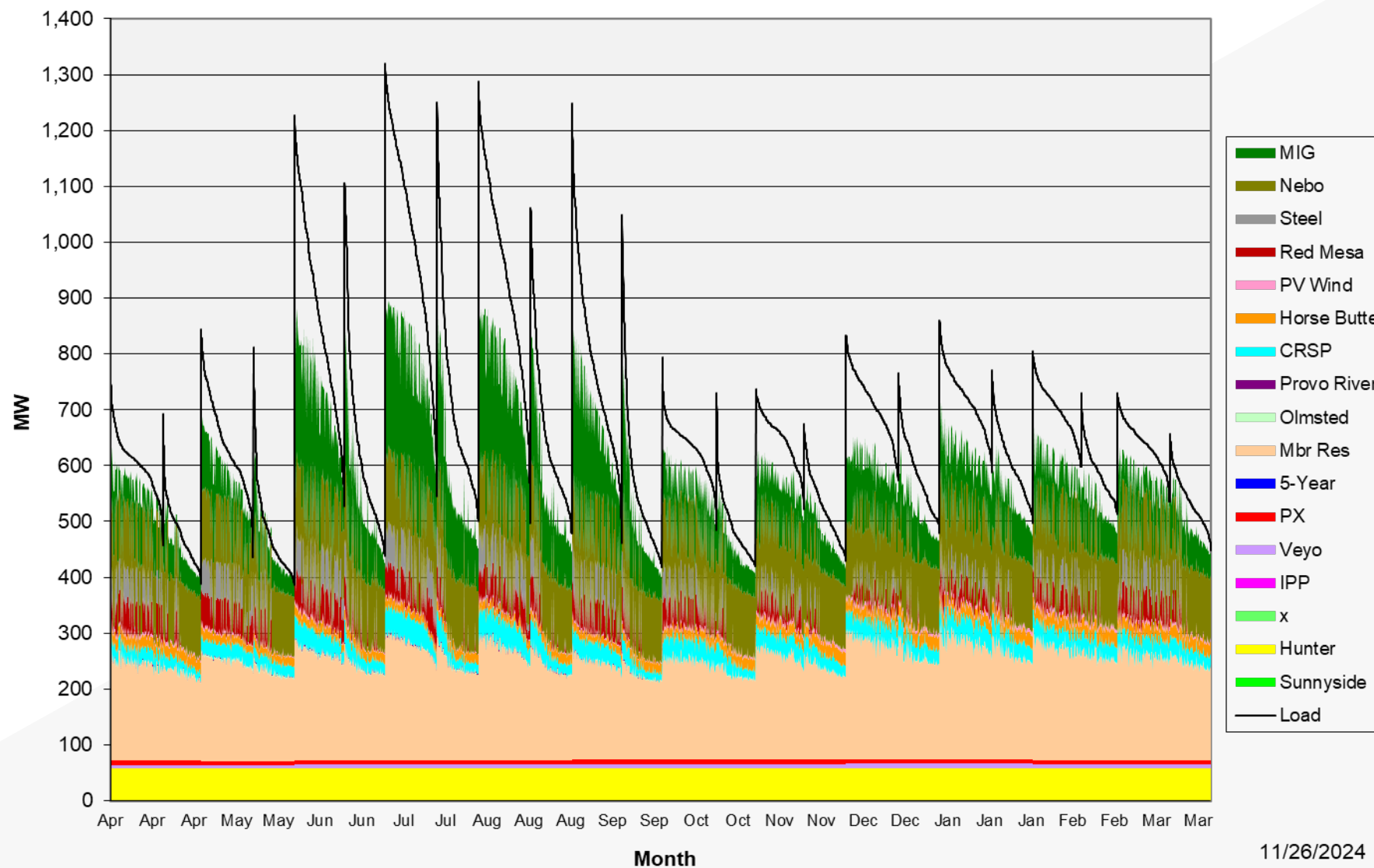


10/21/2024

- No Load Growth from 2025-2026 Forecast
- 5-Year Purchase ended
- No IPP included
- No Sunnyside



UAMPS Total Forecasted Load and Resources, April 2027 - March 2028

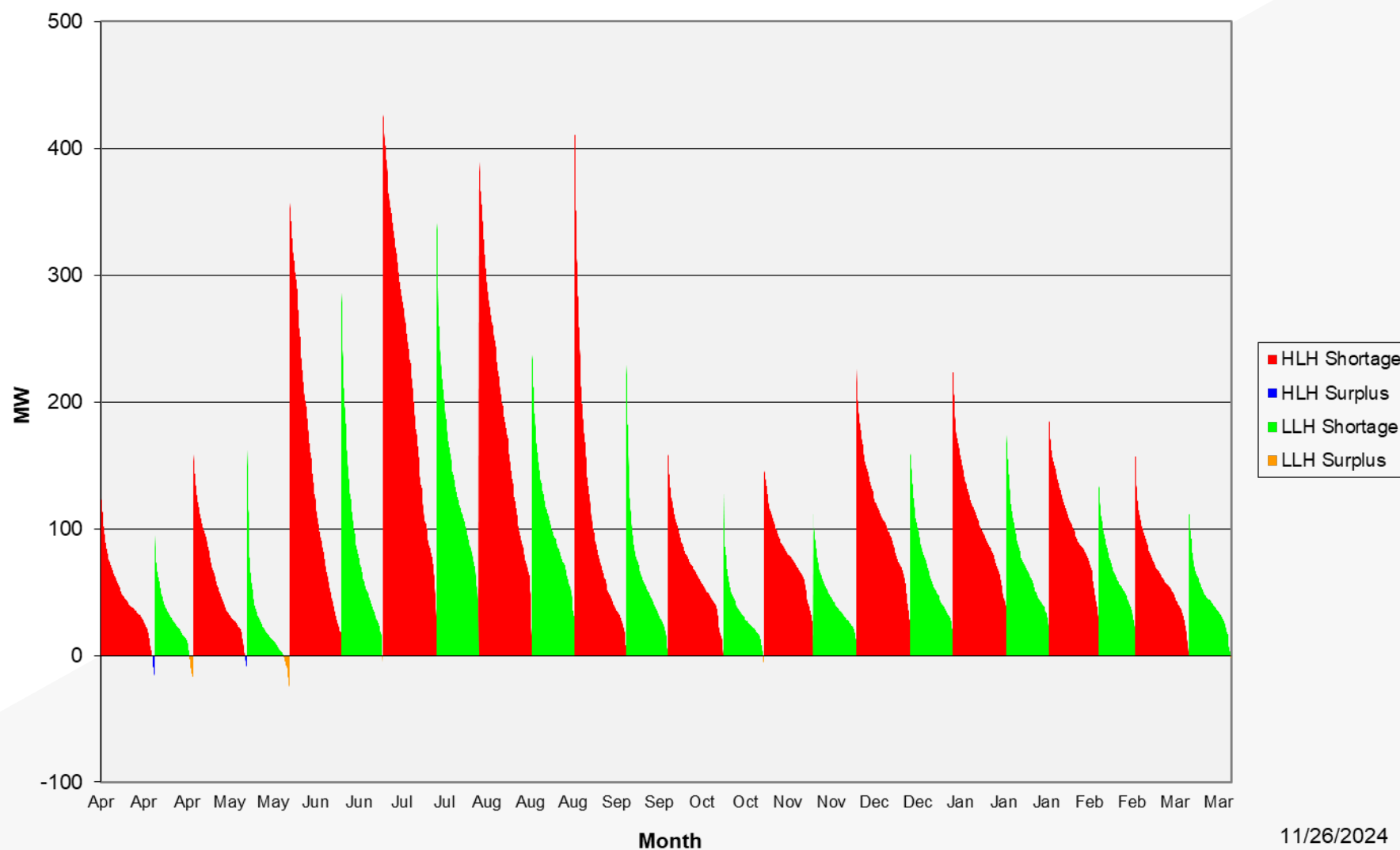


11/26/2024

- No Load Growth from 2025-2026 Forecast
- 5-Year Purchase ended
- No IPP included
- No Sunnyside



UAMPS Total Forecasted Load Compared to Resources, April 2027 - March 2028

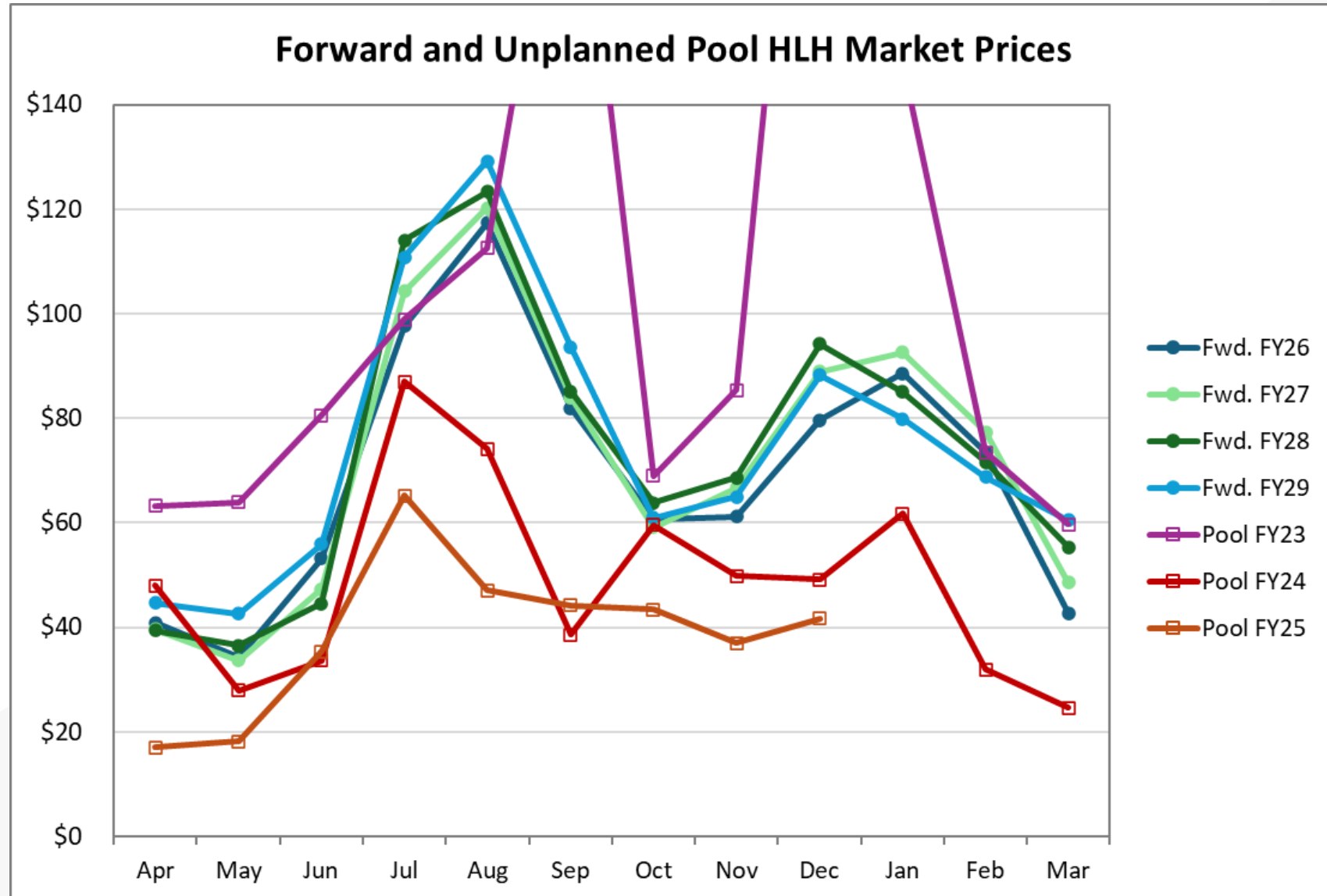


11/26/2024

Forward Market Prices

Most Likely												
Month	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Month	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
HLH	\$41	\$34	\$53	\$98	\$117	\$82	\$61	\$61	\$80	\$89	\$73	\$43
LLH	\$43	\$38	\$46	\$66	\$71	\$64	\$53	\$58	\$75	\$86	\$76	\$47
Month	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27
HLH	\$40	\$34	\$47	\$104	\$120	\$84	\$59	\$67	\$89	\$93	\$77	\$49
LLH	\$49	\$47	\$51	\$71	\$82	\$71	\$62	\$71	\$84	\$95	\$82	\$56
Month	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28
HLH	\$39	\$37	\$45	\$114	\$123	\$85	\$64	\$69	\$94	\$85	\$72	\$55
LLH	\$48	\$46	\$56	\$80	\$88	\$73	\$72	\$76	\$92	\$90	\$77	\$63
Month	Apr-28	May-28	Jun-28	Jul-28	Aug-28	Sep-28	Oct-28	Nov-28	Dec-28	Jan-29	Feb-29	Mar-29
HLH	\$45	\$43	\$56	\$111	\$129	\$94	\$61	\$65	\$88	\$80	\$69	\$60
LLH	\$46	\$43	\$61	\$77	\$88	\$81	\$71	\$74	\$99	\$92	\$76	\$67

Forward Market Prices



Recommendation & Notes

- Each graph covers two years
 - second year is essentially the same for each set
 - No growth added
 - upcoming budget year and following year
 - 2027 and 2028 have current 5-year purchase ended
- Recommendation
 - Purchase between half of average and average need
- Considerations
 - IPP is another alternative for IPP participants
 - MIG and Nebo usage in the forecast
 - may not want large percentage of resources as one purchase
 - will be opportunities for other purchases

Overall Operations Report

Board of Directors

Rachel Stanford

Topic Discussions

- Natural Gas
 - Storage
 - Gas Consumption for Electricity Generation
- Seasonal Outlook
 - January Forecast
 - La-Niña Impacts
 - 3-month Seasonal Outlooks
- Western Market Development
 - BPA Market Participation Decision
 - PacifiCorp EDAM Filing
- Industry News
 - Electricity Consumption & Generation Forecasts
- Transmission
 - North Plains Connector Project
- Wildfire Events





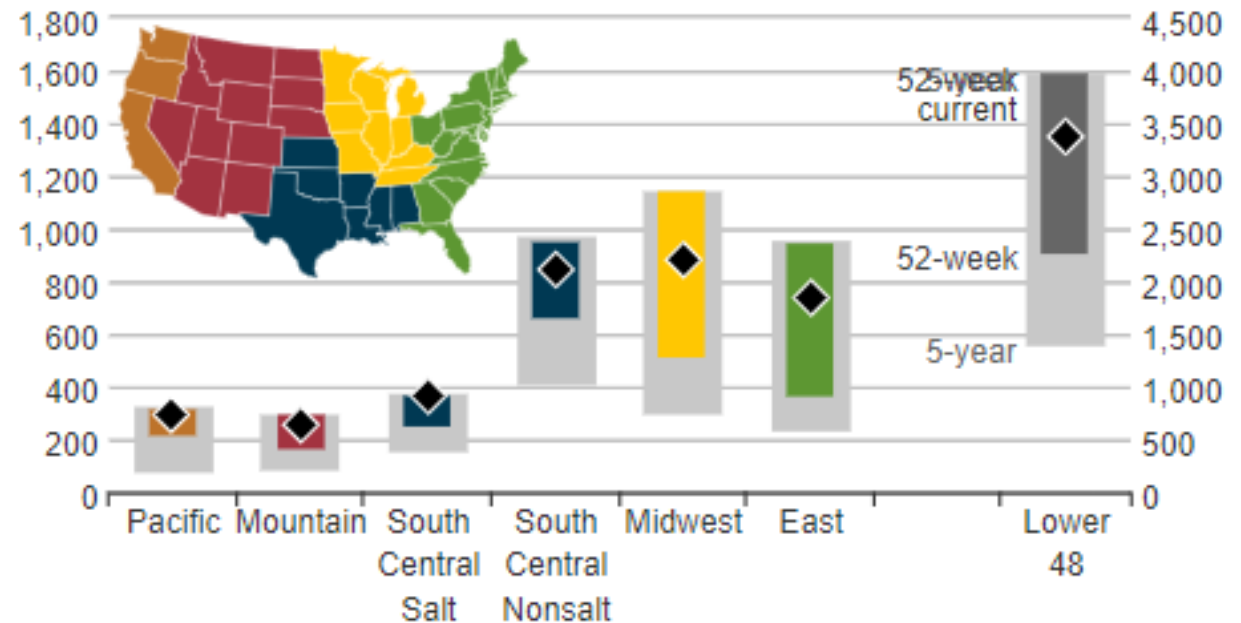
Natural Gas

National Gas Storage

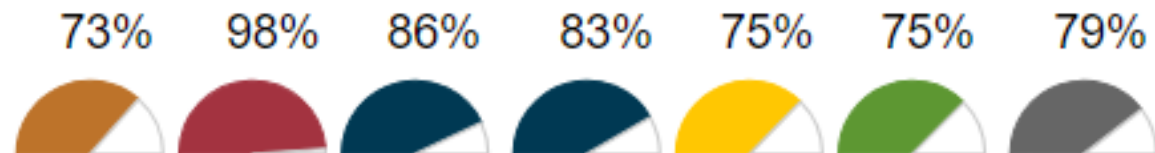
- ❖ Both the Mountain and Pacific regions saw 2% decrease from the December reporting

Underground working natural gas storage
summary as of January 3, 2025

billion cubic feet



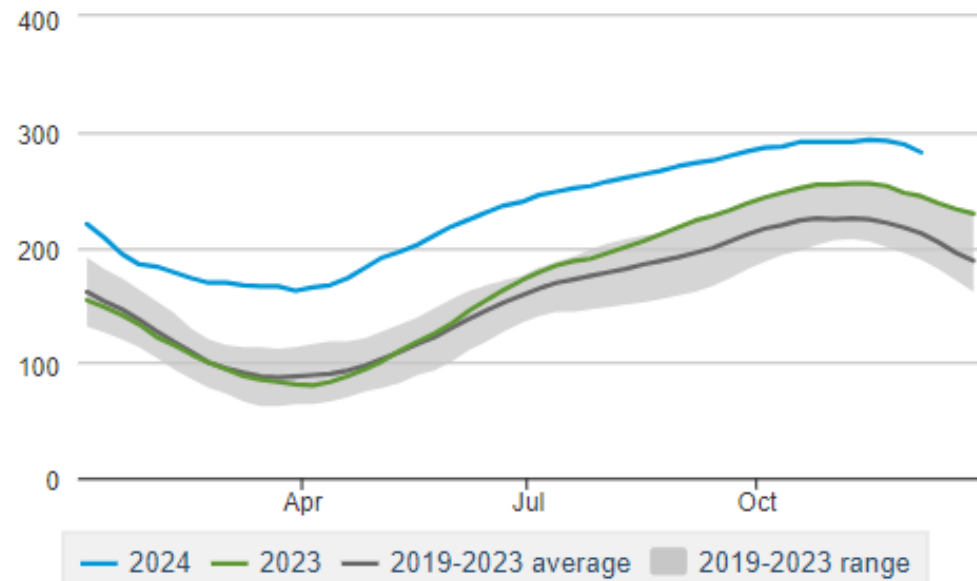
Underground storage capacity utilization



Pacific Region

Mountain region weekly working gas in underground storage

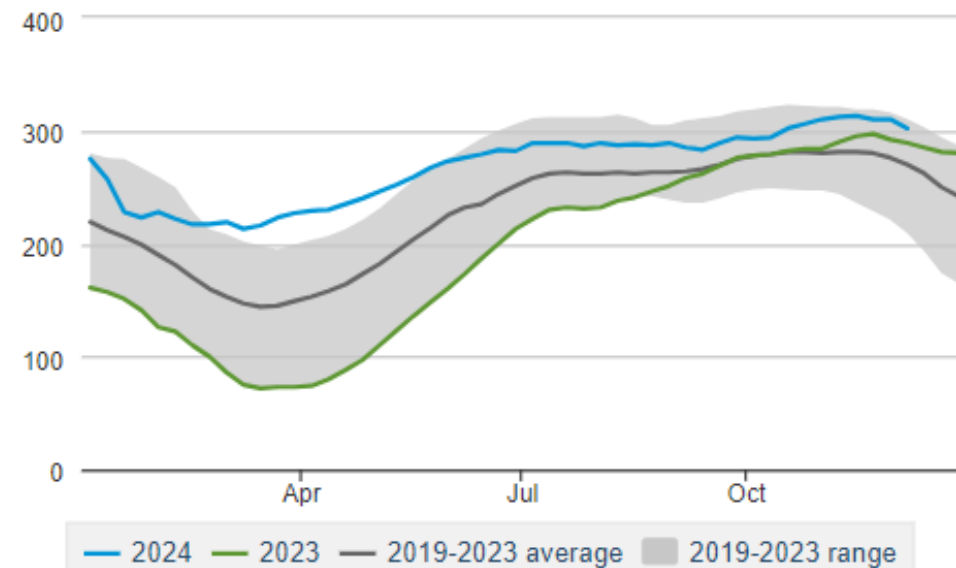
billion cubic feet



Mountain Region

Pacific region weekly working gas in underground storage

billion cubic feet



Gas Consumption for Electricity Generation

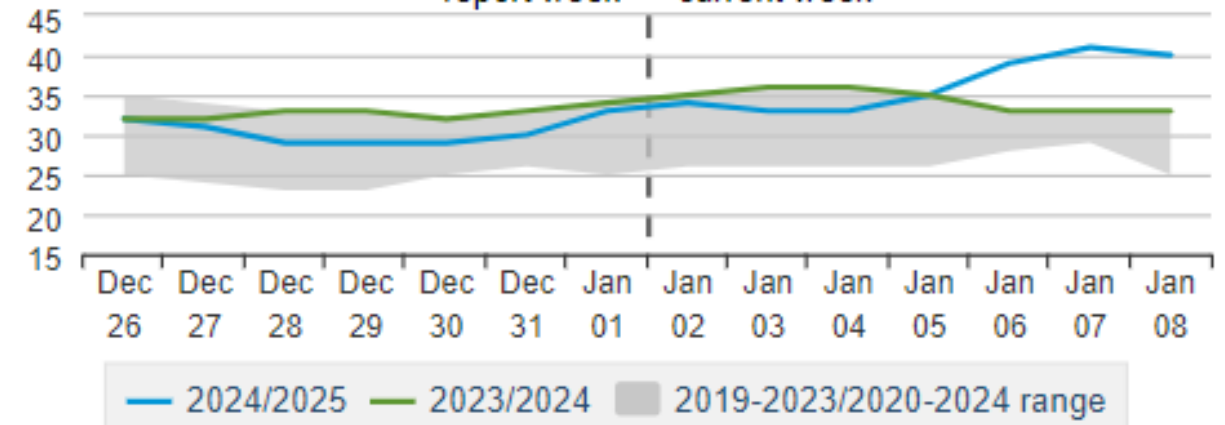
Daily Lower 48 natural gas consumption for electricity generation



billion cubic feet per day

report week

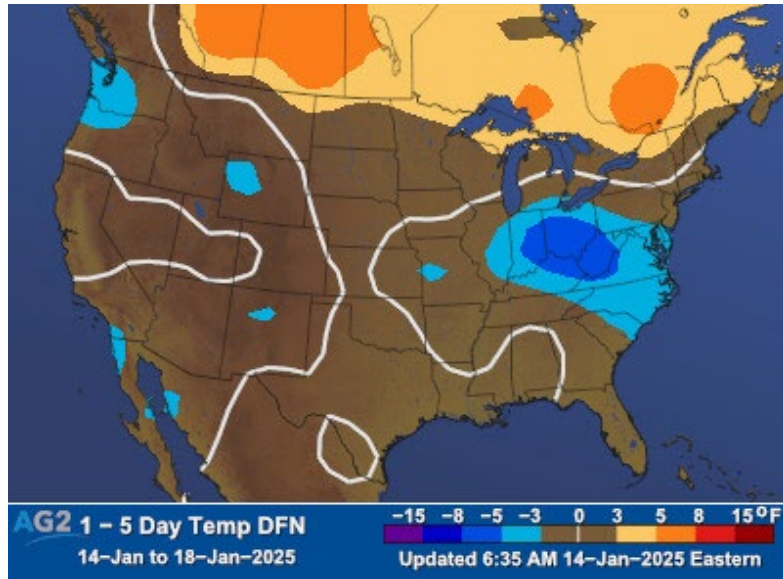
current week



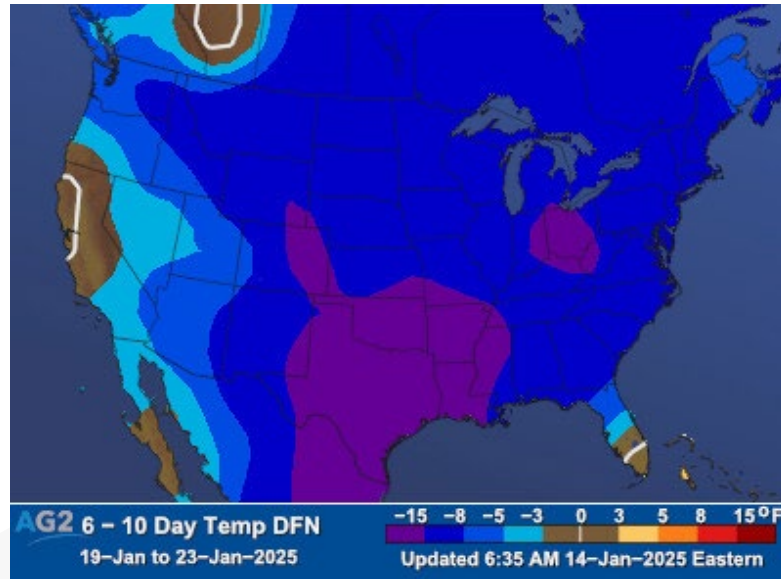
Seasonal Outlook



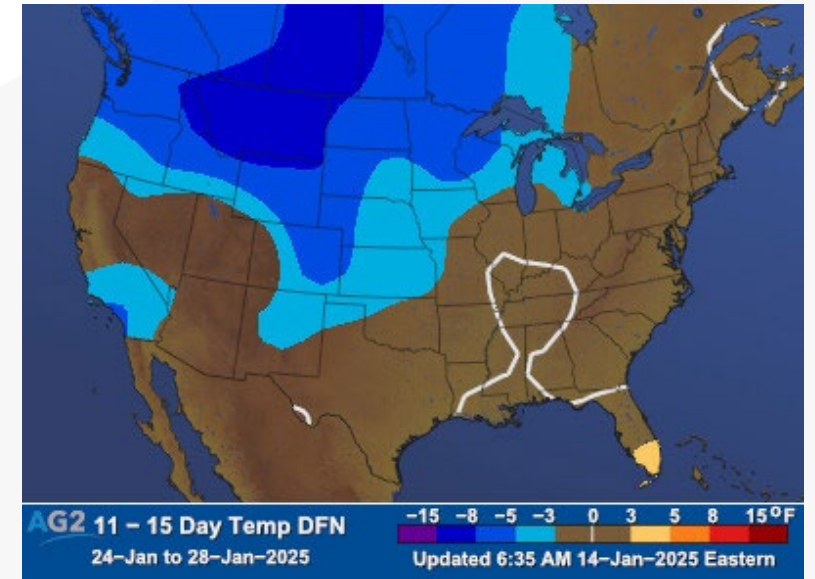
January Forecast



1-5 Day Forecast



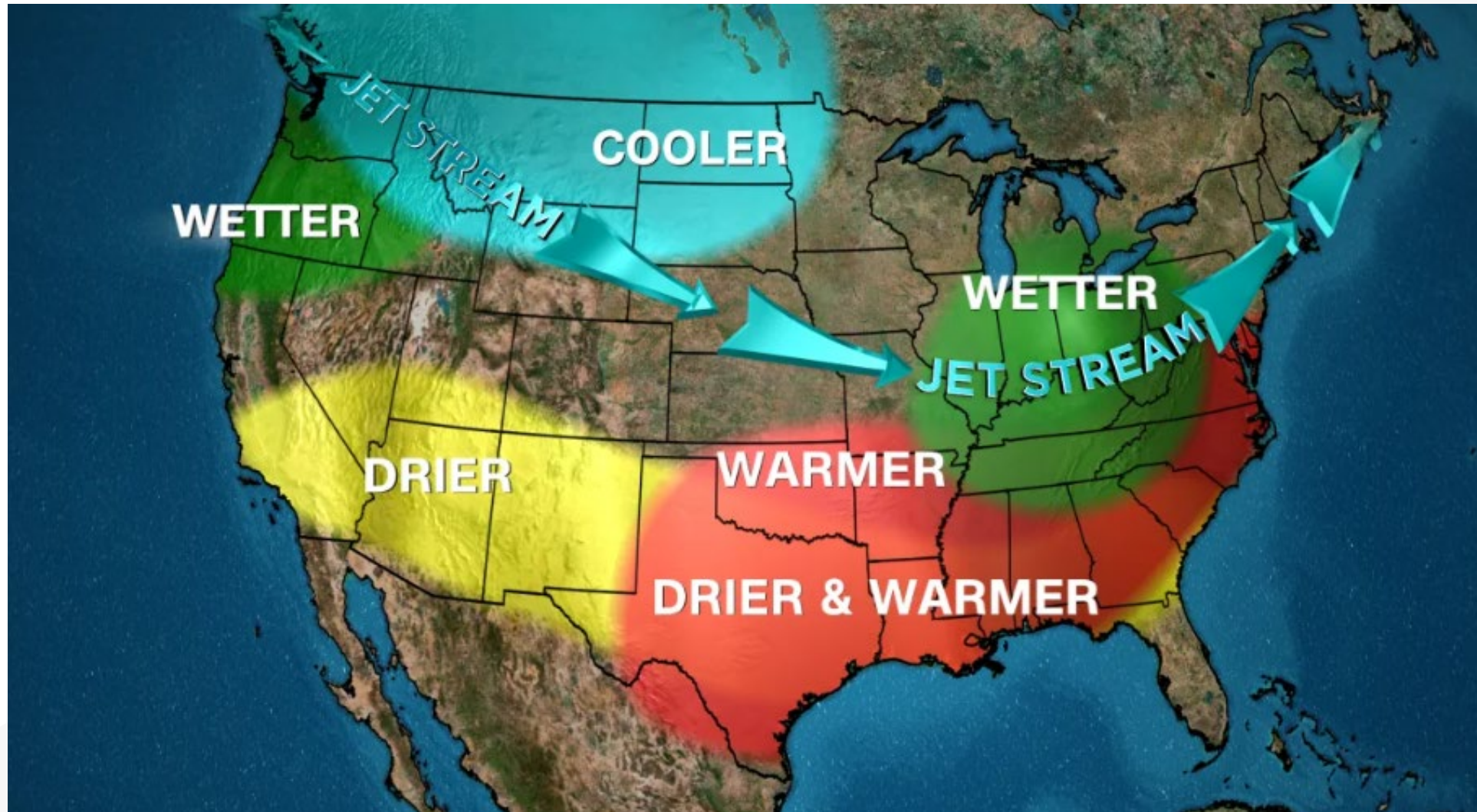
6-10 Day Forecast



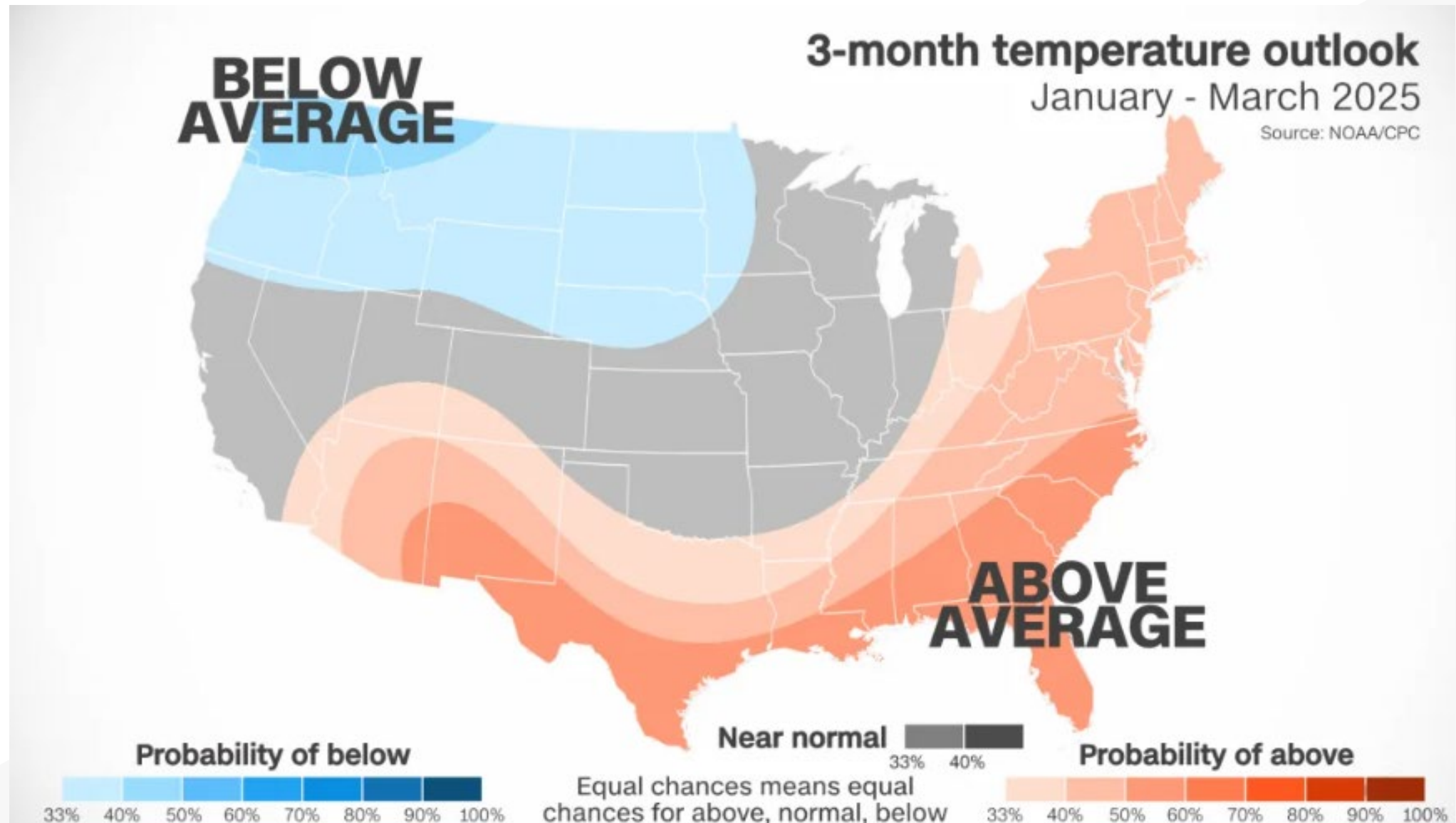
11-15 Day Forecast

La Niña

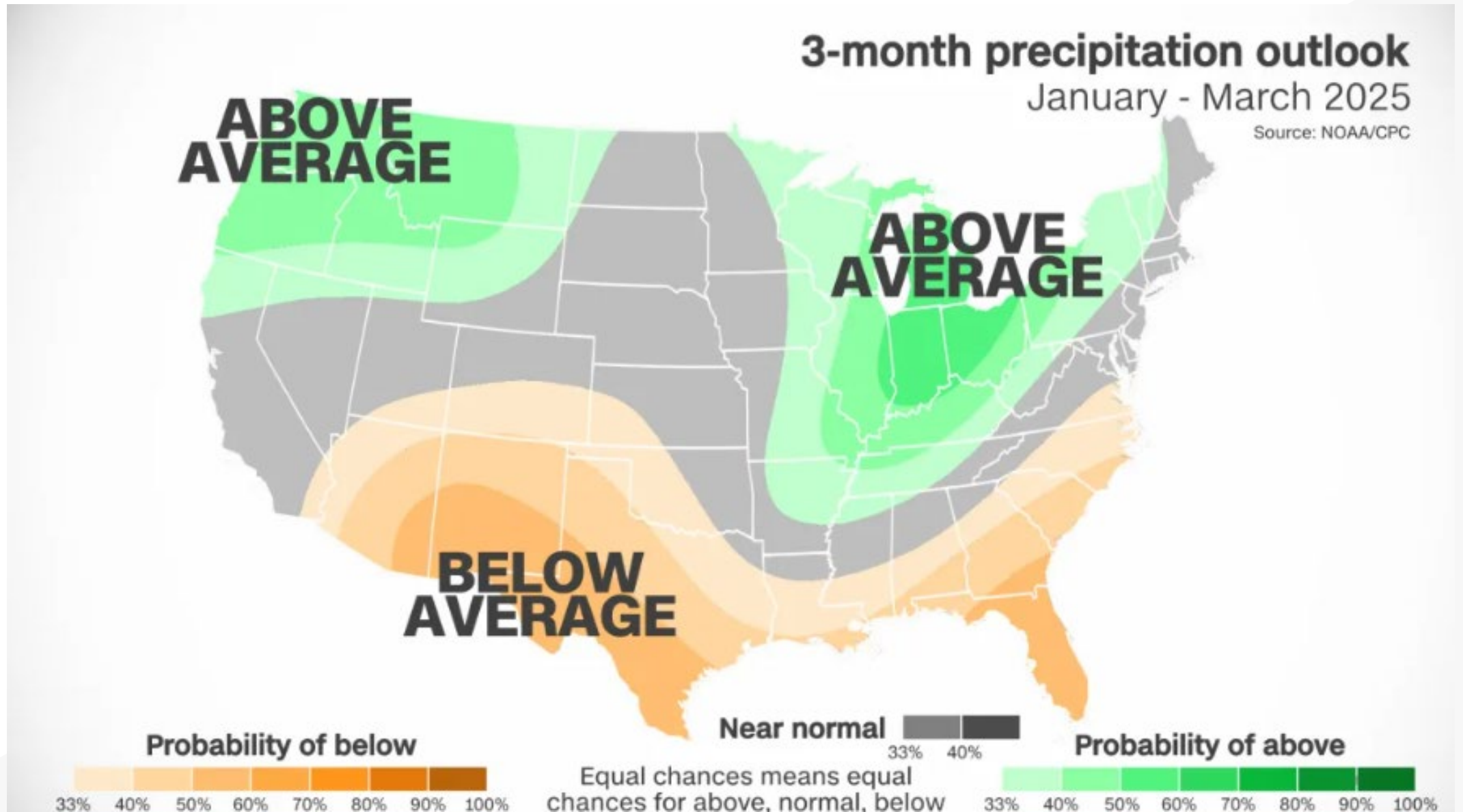
Very weak La Niña is expected to stick around until April at which time we return to neutral conditions



3-Month Temperature Outlook



3-Month Precipitation Outlook





Western Market Development

BPA Market Participation



BPA is hosting stakeholder workshops to continue discussion on which market, if any to joint

BPA's construct allows it to not join EDAM or Markets+ and continue to trade bilaterally under the existing WEIM



March 2025 – draft day-ahead market participation decision



May 2025 – final day-ahead market participation decision



PacifiCorp EDAM Tariff

- Tariff filed November 2024 with January 17 comment deadline
- WPTF & NIPPC engaged with PAC to raise concerns over serious deficiencies in the filing
- PAC agreed there were deficiencies and extended the comment deadline to February 17
- FERC denied the February extension as it would not provide enough time for review prior to the requested FERC acceptance of *one* provision
- PAC submitted an Amendment to FERC to address and FERC approved which set the comment deadline to February

PacifiCorp EDAM Tariff

- Powerex filed procedural comments requesting FERC reject PAC's filing citing:
 - Lackluster initial stakeholder process
 - Deficiencies in the proposed tariff
 - New stakeholder process should be initiated; not just private conversations with WPTF/NIPPC
 - Intervenor know there will be proposed changes but don't know what those changes will be so impossible to provide meaningful comments

PacifiCorp EDAM Tariff

- PAC held an open discussion 1/14 to present the proposed edits
 - PAC plans to file the amended proposed tariff 1/16 with comment deadline remaining in February
 - Initial response to the proposed updates are not favorable
- UAMPS actively working with consultants and legacy customers to draft comments

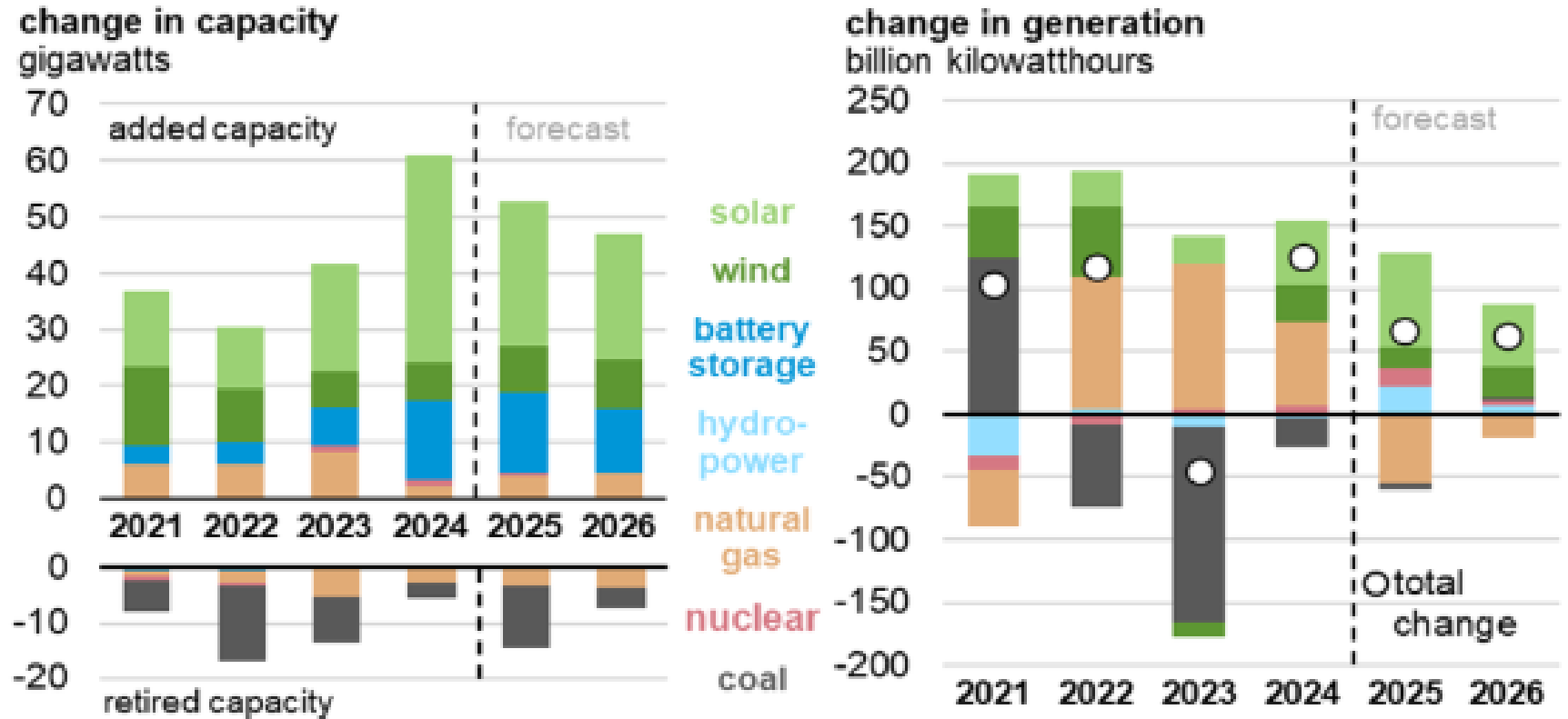


Industry News

Electricity Generation by Source

Solar and battery storage led resource development in 2024 and is expected to continue this trend through 2026.

Annual change in U.S. electric power sector capacity and generation by source



Data source: U.S. Energy Information Administration, *Short-Term Energy Outlook*, January 2025

Note: Battery storage net generation is close to zero, reflecting the net effect of charging and discharging.

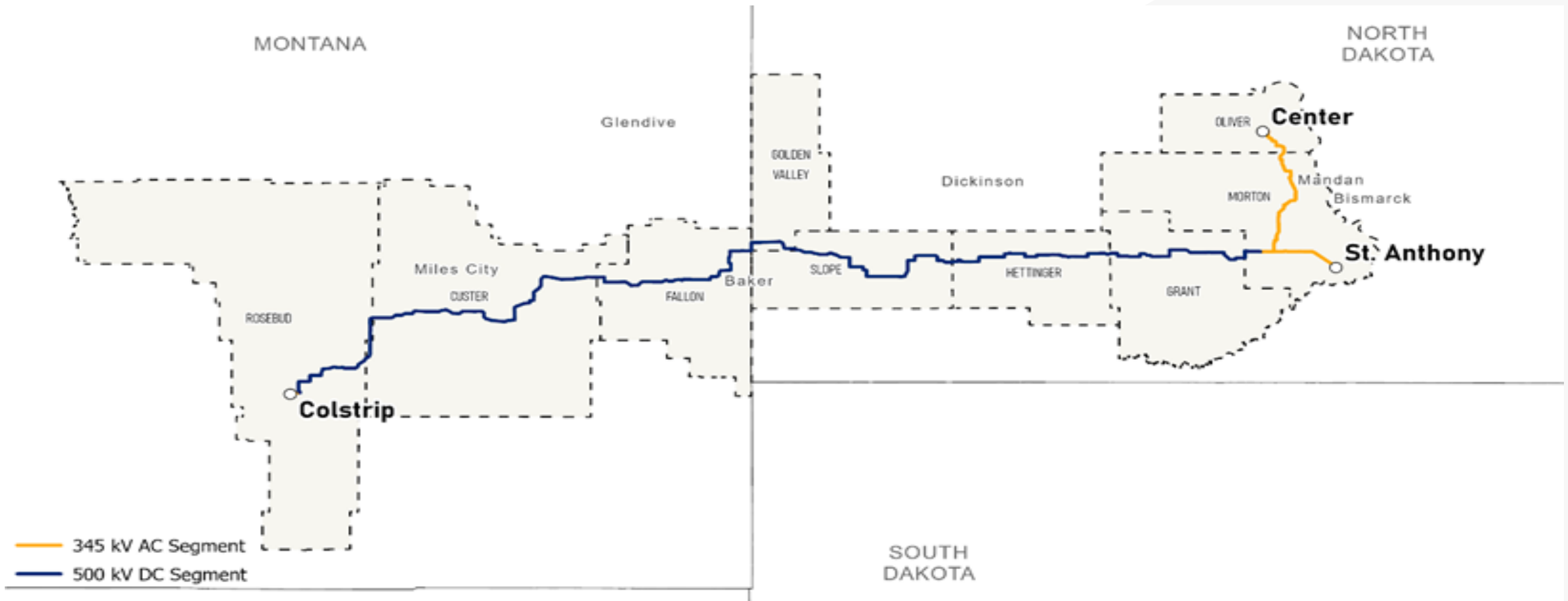


Transmission



North Plains Connector Project

North Plains Connector will be approximately 420 miles long, extending from an existing substation in Colstrip, Montana, to two separate end points in North Dakota – one near the town of Center and the other near St. Anthony.



North Plains Connector Project

- BHE Transmission has announced it has executed an MOU to participate in the Project. Under the MOU BHET would own 10% of the 3,000 MW Project.
- The Project will be the nation's first high-voltage interregional transmission line among three regional electric energy markets – MISO, WEIM & SWPP.
- Project is entering the permitting phase and is initiating regulatory filings, with approvals expected in 2026. Construction is expected to commence in 2028, and the line is expected to be operational in 2032.



Wildfire Events



SCE INITIATES PUBLIC SAFETY POWER SHUTOFF FOR PARTS OF SANTA BARBARA COUNTY (OTHER AREAS UNDER PSPS WARNING)

 Area currently under Public Safety Power Shutoff

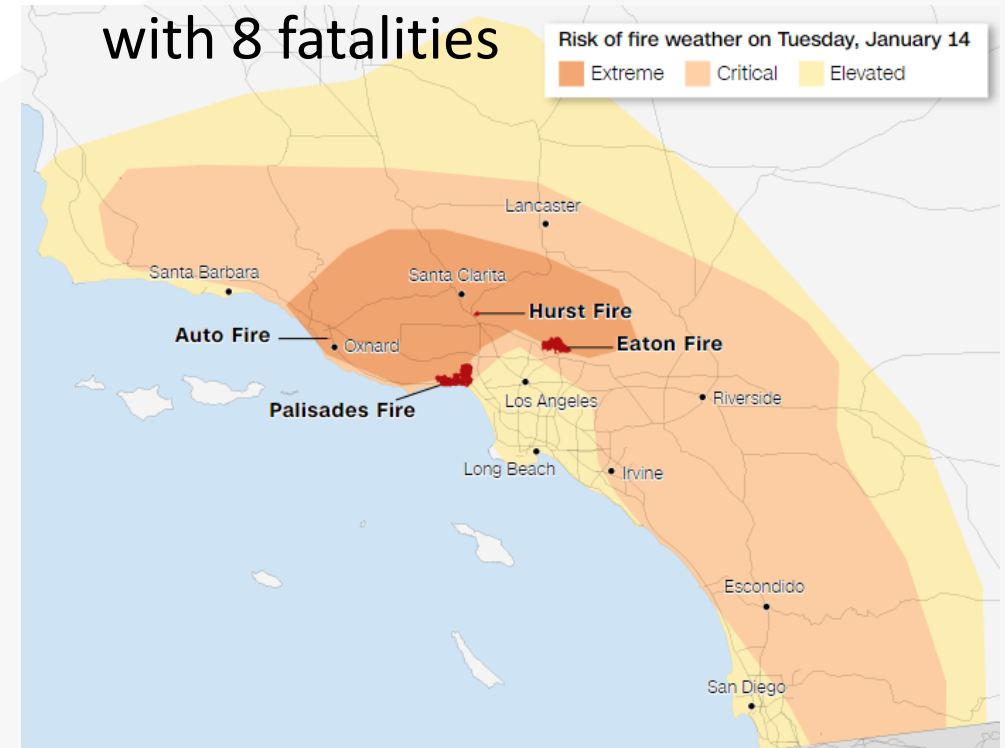
 Area currently under Public Safety Power Shutoff Warning

IF YOU'RE IN A PSPS WARNING AREA, PREPARE NOW

- Keep cell phones charged and flashlights accessible
- Have an outage plan for your electronic medical devices and refrigerated medications
- **Sign up for ReadySBC alerts**



- Eaton fire ranks as the 2nd most destructive burning over 14,000 acres and 7,000 structures with 16 fatalities
- Palisades fire ranks as the 4th most destructive burning over 23,000 acres and 5,000 structures burned with 8 fatalities



Southern California Edison

- Southern California Edison notified the California Public Utilities Commission that it had received a number of notices, from attorneys representing insurance companies, to preserve evidence regarding the Eaton fire.
- Homeowners, business owners and renters have also filed lawsuits against SCE.
- In the notice, the SCE acknowledged that there were “online publications that seemingly suggest SCE equipment may be associated with its cause.”
- In the report, however, the company said preliminary analysis of electrical circuit information for the transmission lines in the area showed interruptions or anomalies until more than an hour after the Eaton fire started.
- To date, no fire agency has stated SCE’s electrical facilities were involved in the ignition



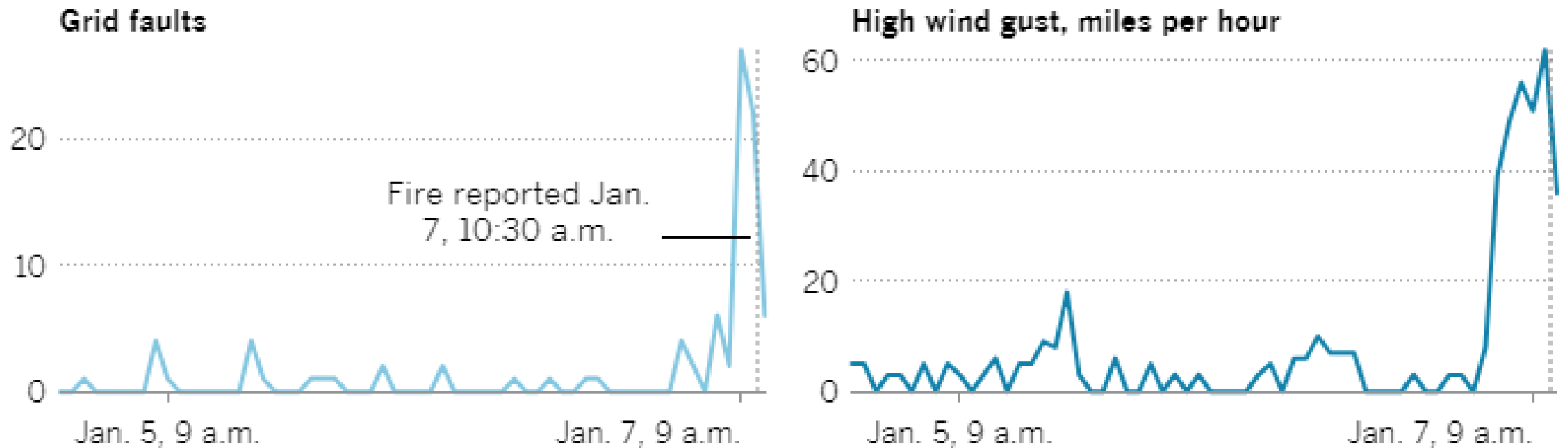
Whisker Labs Grid Fault Data

- Whisker Labs monitors electrical data using its Ting sensors, which monitor about 14,000 homes in the Los Angeles area. The monitors help stop electrical fires in residences, but taken together provide information on the entire power grid.
- The number of faults on the power grid near three of the major fires skyrocketed in the hours before the fires began.



Palisades Fire Grid Faults

Palisades area electrical grid showed increased faults as fire began

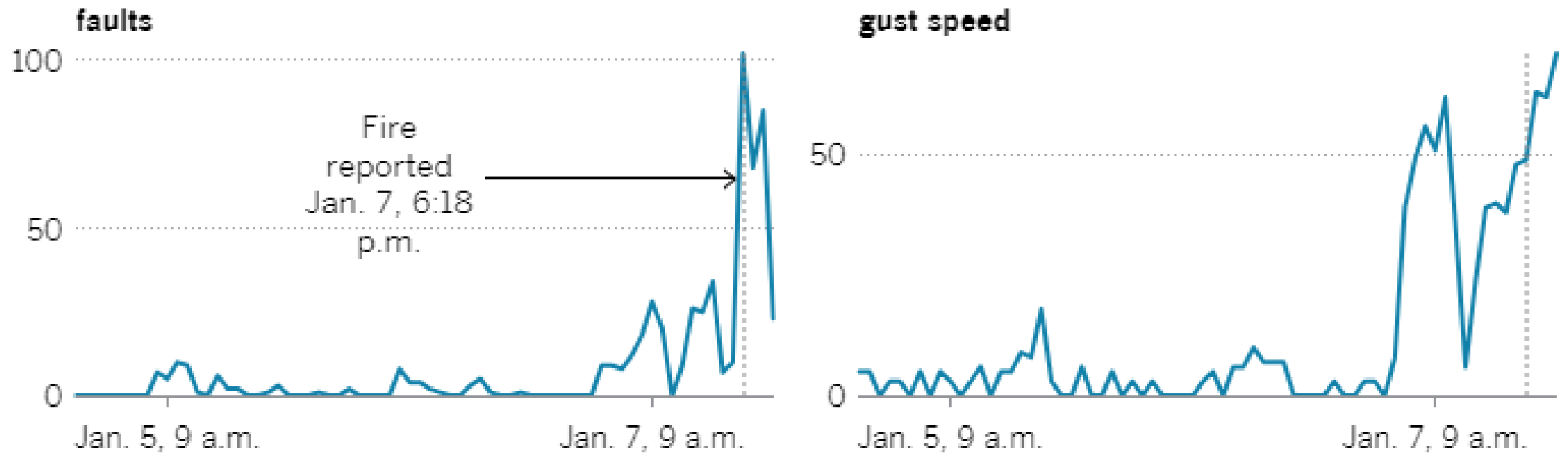


In the hour before the fire started, there were 25 faults on the grid. In the hour that the fire started, there were 18 faults.



Eaton Fire Grid Faults

Eaton area electrical grid showed increased faults as fire began

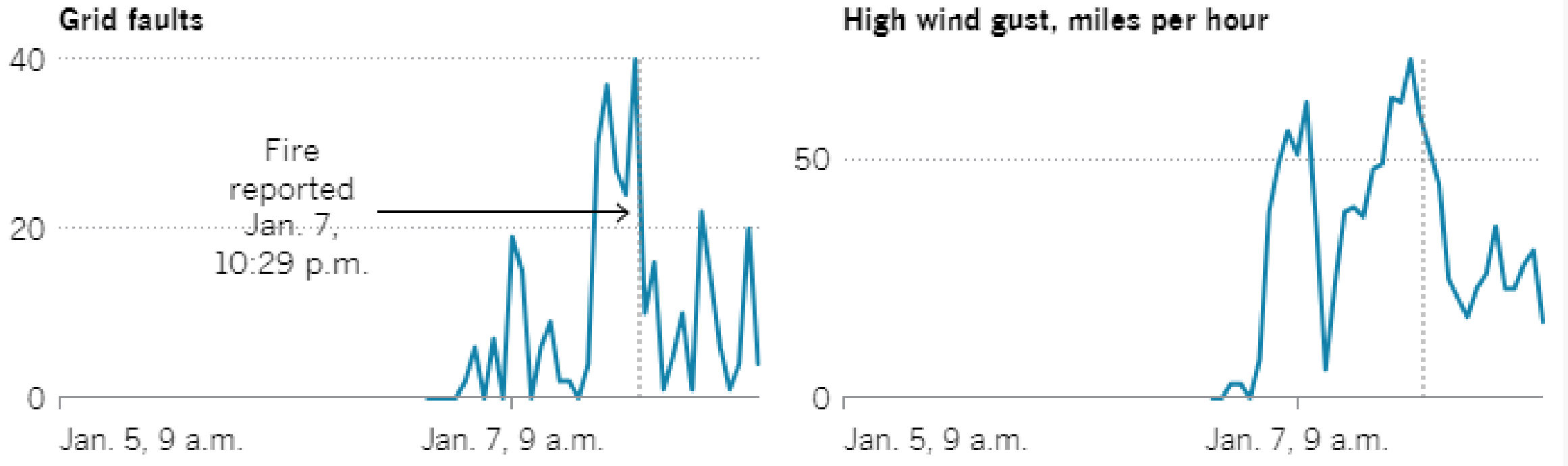


The Eaton fire had even more faults. In that area, there were 50 faults in the hour that the fire started.



Hurst Fire Grid Faults

Hurst area electrical grid showed increased faults as fire began



There were 51 faults the hour the fire was reported. That came after four hours of continuous high fault levels. There were 120 faults in the four previous hours. That means that despite the sparks flying in the area, over the previous four hours lines were not de-energized.



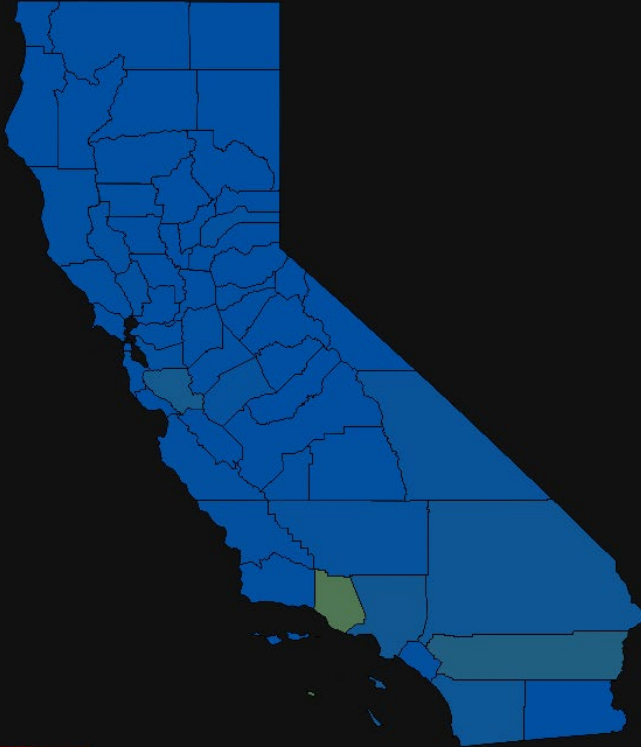
Wildfire Power Outages

California

Customers Tracked: 15,311,378
California ISO Grid Status: Normal

Customers Out: 91,859

Last Updated: 2025-01-14 01:24:50 PM



Outage Scale: 0% 10% 30% 60% 100%

Electric Providers for California

Provider	Customers Tracked	Customers Out	Last Updated
Anaheim Public Utilities Department	121,403	0	2025-01-14 01:24:50 PM
Anza Electric Cooperative	4,950	0	2025-01-13 05:14:57 PM
Burbank Water and Power	51,000	1	2025-01-14 01:24:21 PM
Glendale Water and Power	93,887	35	2025-01-14 01:24:32 PM
Imperial Irrigation District	150,000	0	2025-01-08 02:39:55 PM
Lassen Municipal Utility District	10,340	0	2025-01-14 01:24:23 PM
Liberty Utilities	92,591	0	2025-01-09 05:57:39 PM
Los Angeles Department of Water & Power	1,600,000	18,624	2025-01-14 01:24:31 PM
Modesto Irrigation District	118,390	45	2025-01-14 01:24:22 PM
Pacific Gas and Electric Company	5,500,000	8,522	2025-01-14 01:24:26 PM
Pacific Power	44,974	13	2025-01-14 01:24:26 PM
Palo Alto Utilities Department	30,217	0	2025-01-14 11:24:30 AM
Pasadena Water and Power	65,000	47	2025-01-14 01:24:31 PM
Plumas-Sierra Rural Electric Cooperative	8,003	0	2025-01-14 01:24:23 PM
Redding Electric Utility	44,000	0	2025-01-09 01:16:34 PM
Riverside Public Utilities Department	105,000	0	2025-01-12 11:53:35 PM
Roseville Electric Utility	66,946	0	2025-01-11 11:44:49 AM
Sacramento Municipal Utility District	624,770	36	2025-01-14 01:24:31 PM
San Diego Gas & Electric	1,400,000	2,752	2025-01-14 01:24:27 PM
Silicon Valley Power	59,803	0	2025-01-14 01:24:21 PM
Southern California Edison	5,000,000	61,784	2025-01-14 01:24:28 PM
Trinity PUD	7,208	0	2025-01-14 01:24:23 PM
Truckee Donner PUD	14,896	0	2025-01-14 01:24:23 PM
Turlock Irrigation District	98,000	0	2025-01-14 11:35:15 AM

<https://poweroutage.us>

