



Power Board Meeting Schedule 2025

The Board will meet the first Tuesday of the month.

All meetings will commence at 5:00 P.M. unless otherwise announced.

Previously Approved by the Power Board | January 7, 2025

February 4, 2025

March 4, 2025

April 1, 2025 - No meeting due to schedule conflict

May 6, 2025

June 3, 2025

July 1, 2025

August 5, 2025 - No meeting due to schedule conflict

September 2, 2025

October 7, 2025

November 4, 2025 - No Meeting- Election Day- unless otherwise determined

December 2, 2025

January 6, 2026

Washington City Power Department

Electric Impact Fee Analysis

Mark Beauchamp, President

Utility Financial Solutions, LLC

Presentation Objectives

- Define what an impact fee is and why it is needed
- Describe how impact fees are determined
- Review results and modifications to impact fee structure

Impact Fees – Growth Pays for Growth

The Impact Fee Study aims to identify:

- Impacts caused by new customers
 - Growth causes additional capacity investments
 - The investments tend to occur intermittently
- Value new customers provide
 - New customers generate contribution margins in the rates to fund fixed infrastructure costs
 - Cost of service study identifies the fixed and variable cost components used to determine a customer's value

Projected Impact Fee Related Projects

2024 - 2032

Washington City CIP	Estimated Cost	2024	2025	2026	2027	2028	2029	2030	2031	2032	Impact Fee %	Impact Related Cost
New Circuit 801	\$ 350,000	\$ 116,667	\$ 116,667	\$ 116,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	100%	\$ 350,000
1100 E to 300 E Underbuild Upgrade	\$ 103,680	51,840	51,840	-	-	-	-	-	-	-	40%	\$ 41,472
New Grapvine Substation	\$ 4,619,397	2,309,699	2,309,699	-	-	-	-	-	-	-	100%	\$ 4,619,397
69kV Line Extension to Grapvine with circuit 802	\$ 1,663,355	831,678	831,678	-	-	-	-	-	-	-	100%	\$ 1,663,355
69 kV Line Extension to Grapvine	\$ 865,058	432,529	432,529	-	-	-	-	-	-	-	100%	\$ 865,058
New Circuit 803	\$ 434,064	-	-	-	-	-	217,032	217,032	-	-	100%	\$ 434,064
Circuit 601/803 to Circuit 402 750 Tie	\$ 200,000	100,000	100,000	-	-	-	-	-	-	-	100%	\$ 200,000
Circuit 102 to Circuit 603 Tie	\$ 478,000	-	-	239,000	239,000	-	-	-	-	-	100%	\$ 478,000
Circuit 302 to Circuit 303 Tie	\$ 760,000	-	-	-	-	-	-	-	380,000	380,000	100%	\$ 760,000

Impact Fees by Service Level

- Residential base installation is 100 AMP 120/240V, 1 phase service
- Small Commercial/Special Services is based on 120/240V, 1 phase
- Large Commercial/varies between 208/120V, 3 phase or 480/277V, 3 phase
- The calculated impact fee is proportioned based on the amperage and voltage level of service

Proposed Impact Fee Schedule

* Residential

Description / Panel Rating	2021 Impact Fee **	2024 Proposed	Percent Change
<i>Impact Fee Charge for Applicable Panel Size</i>			
<u>Residential (120/240 V, 1 phase)</u>			
100 Amp (min. size)	\$ 1,387	\$ 1,517	9%
125 Amp	1,733	1,897	9%
150 Amp	2,080	2,276	9%
200 Amp	2,773	3,035	9%
225 Amp	3,120	3,414	9%
400 Amp	5,546	6,070	9%
600 Amp	8,320	9,105	9%
800 Amp	11,093	12,139	9%
<u>Residential (208/120 V, 3 phase Apartments)</u>			
100 Amp (min. size)	\$ 2,081	\$ 2,278	9%
125 Amp	2,602	2,847	9%
150 Amp	3,122	3,417	9%
200 Amp	4,163	4,556	9%
225 Amp	4,683	5,125	9%
400 Amp	8,326	9,111	9%
600 Amp	12,488	13,667	9%
800 Amp	16,651	18,222	9%
1000 Amp	20,814	22,778	9%
1200 Amp	24,977	27,333	9%
1600 Amp	33,302	36,444	9%

** For Panel Sizes not listed Impact Fees will be calculated by the Power Department.

Calculations to be based on the formulas provided in the Impact Fee Study.

Amounts are rounded to the nearest dollar.

Proposed Impact Fee Schedule

* Small Commercial & Special Services

Description / Panel Rating	2021 Impact Fee **	2024 Proposed	Percent Change
Impact Fee Charge for Applicable Panel Size			
<u>Commercial (120/240 V, 1 phase)</u>			
100 Amp (min. size)	\$ 2,219	\$ 2,425	9%
125 Amp	2,774	3,031	9%
150 Amp	3,329	3,638	9%
200 Amp	4,439	4,850	9%
225 Amp	4,993	5,456	9%
400 Amp	8,877	9,700	9%
600 Amp	13,316	14,550	9%
<u>Special Services (120/240 V, 1 phase) *</u>			
60 Amp	\$ 666	\$ 728	9%

* By special approval (includes sprinkler controllers; gate openers; and fiber optic communication boosters, etc. with limited load requirements).

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Amounts are rounded to the nearest dollar.

Proposed Impact Fee Schedule

* Large Commercial

Description / Panel Rating	2021 Impact Fee **	2024 Proposed	Percent Change
<i>Impact Fee Charge for Applicable Panel Size</i>			
<u>Commercial (208/120 V, 3 phase)</u>			
100 Amp (min. size)	\$ 3,331	\$ 4,001	20%
125 Amp	4,164	5,002	20%
150 Amp	4,997	6,002	20%
200 Amp	6,663	8,003	20%
225 Amp	7,496	9,003	20%
300 Amp	9,994	12,004	20%
400 Amp	13,325	16,005	20%
600 Amp	19,988	24,008	20%
800 Amp	26,651	32,010	20%
1200 Amp	39,976	48,015	20%
1600 Amp	53,301	64,020	20%
2000 Amp	66,627	80,025	20%
2500 Amp	83,283	100,032	20%
3000 Amp	99,940	120,038	20%
4000 Amp	133,253	160,050	20%

Description / Panel Rating	2021 Impact Fee **	2024 Proposed	Percent Change
<i>Impact Fee Charge for Applicable Panel Size</i>			
<u>Commercial (480/277 V, 3 phase)</u>			
200 Amp (min. size)	\$ 15,458	\$ 18,467	19%
225 Amp	17,390	20,776	19%
400 Amp	30,916	36,935	19%
800 Amp	61,833	73,869	19%
1200 Amp	92,749	110,804	19%
1400 Amp	108,207	129,272	19%
2000 Amp	154,582	184,674	19%

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Residential vs. Commercial

9% Residential vs. 20% Large Commercial

Average revenue per customer in the LC class decreased from the previous study (due to a rate decrease), causing a lower contribution margin, and thus the need for a higher increase in the customer impact fee.

2024 Southwest Utah Post-Peak Report



Let's turn the answers on.

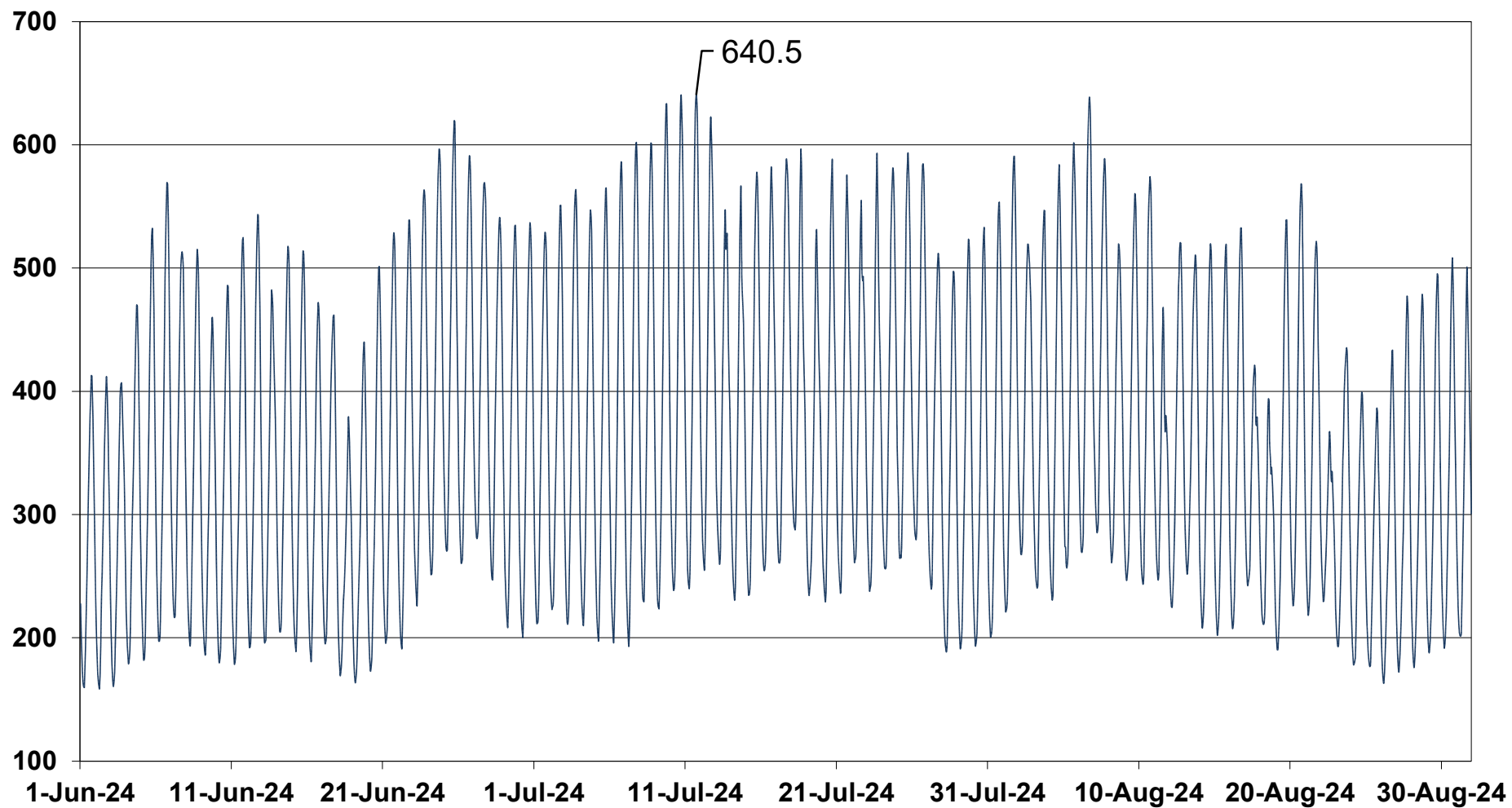
Washington County Area Peak

640.5 MW

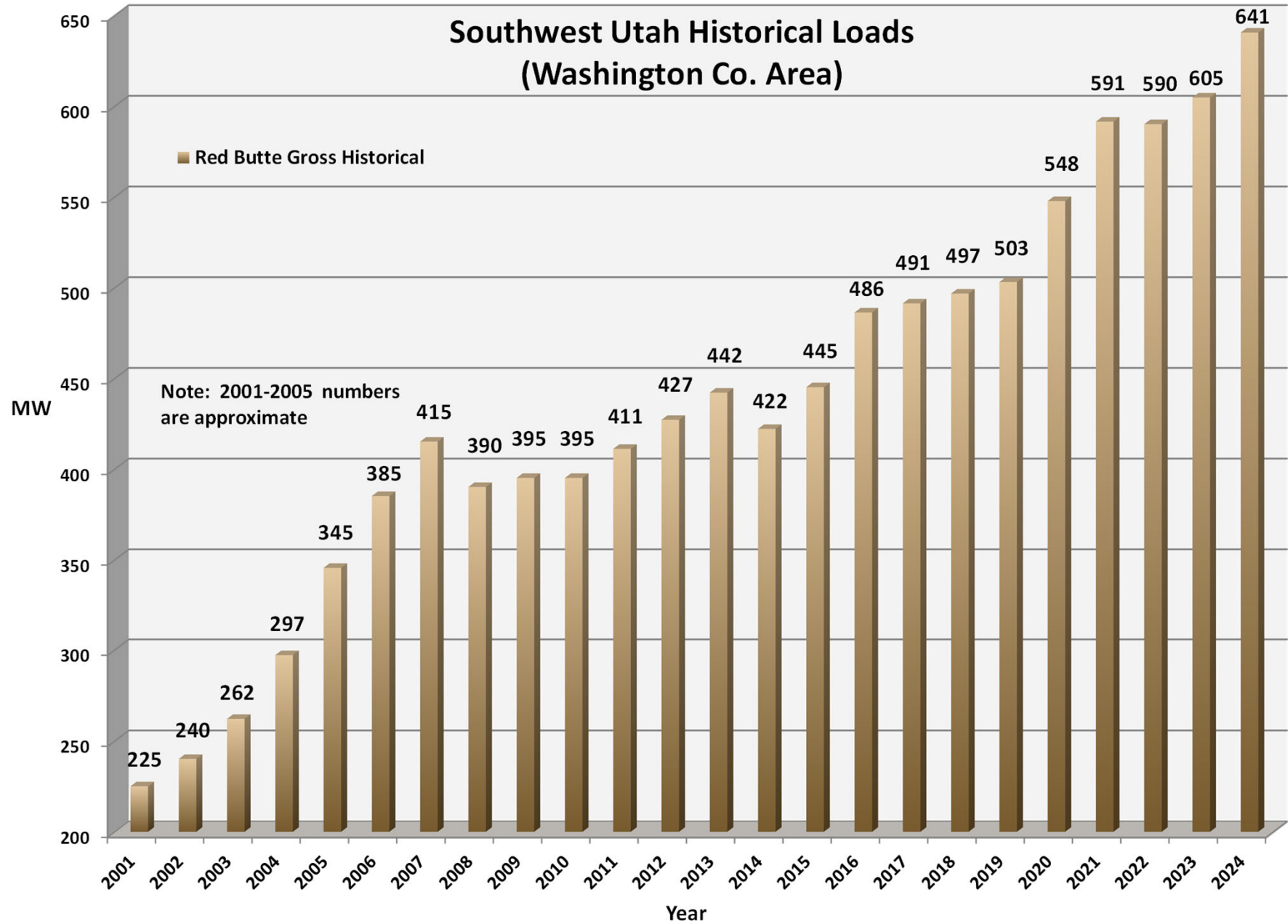
July 11st (Thursday)

Between 5:00 and 6:00 pm

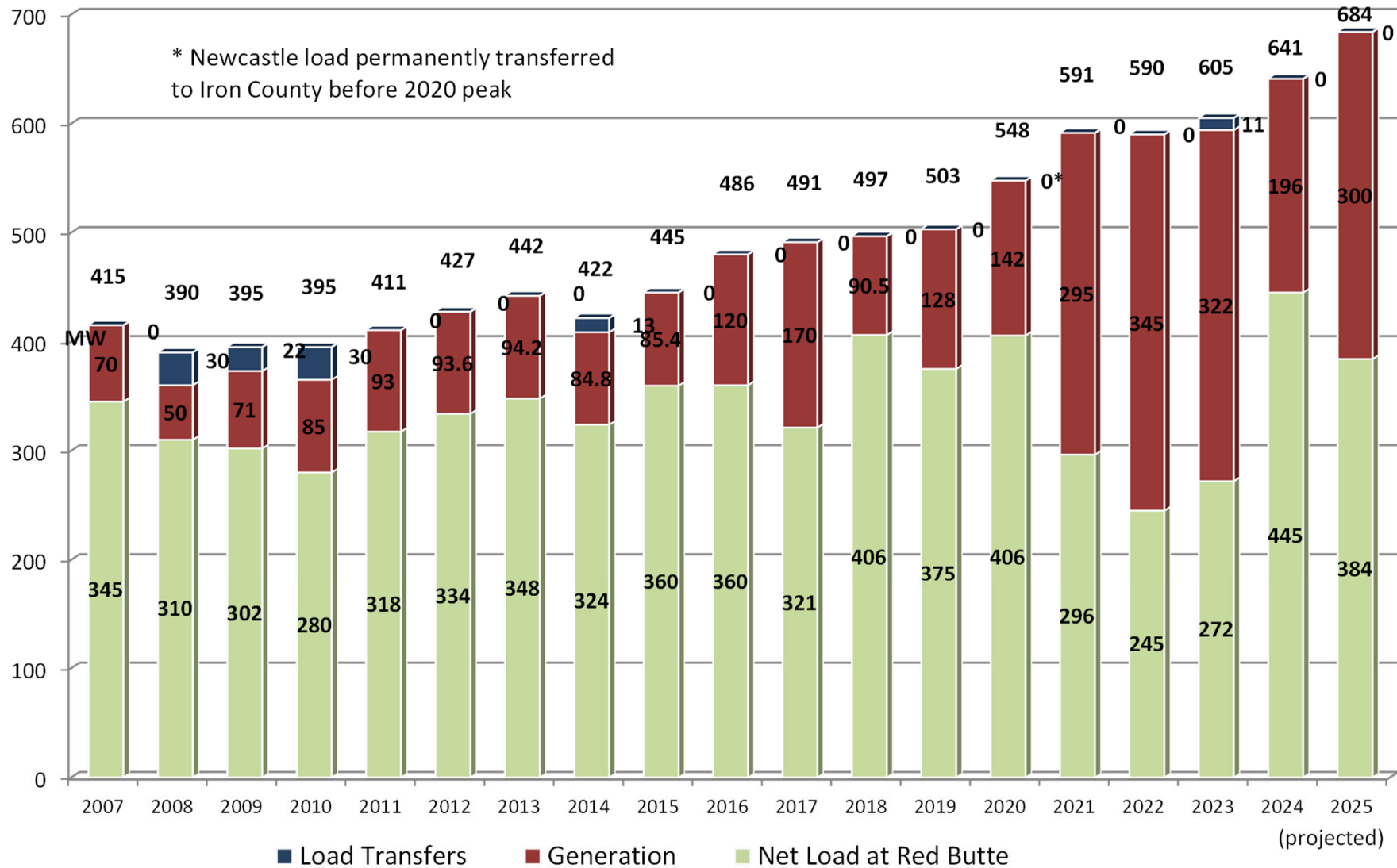
Southwest Utah - Washington County Area June-August 2024 Gross Summer Peak Load



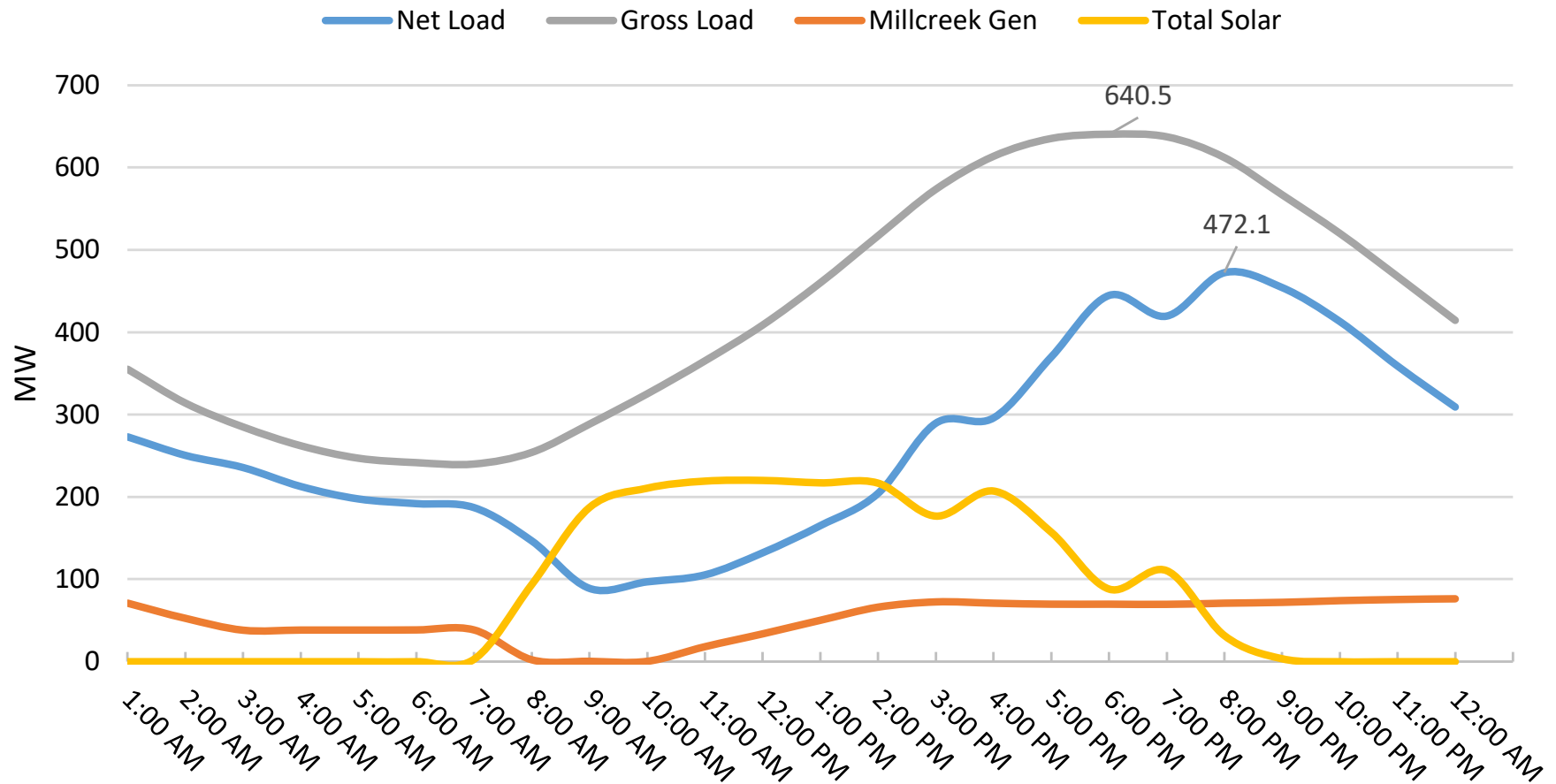
Southwest Utah Historical Loads (Washington Co. Area)



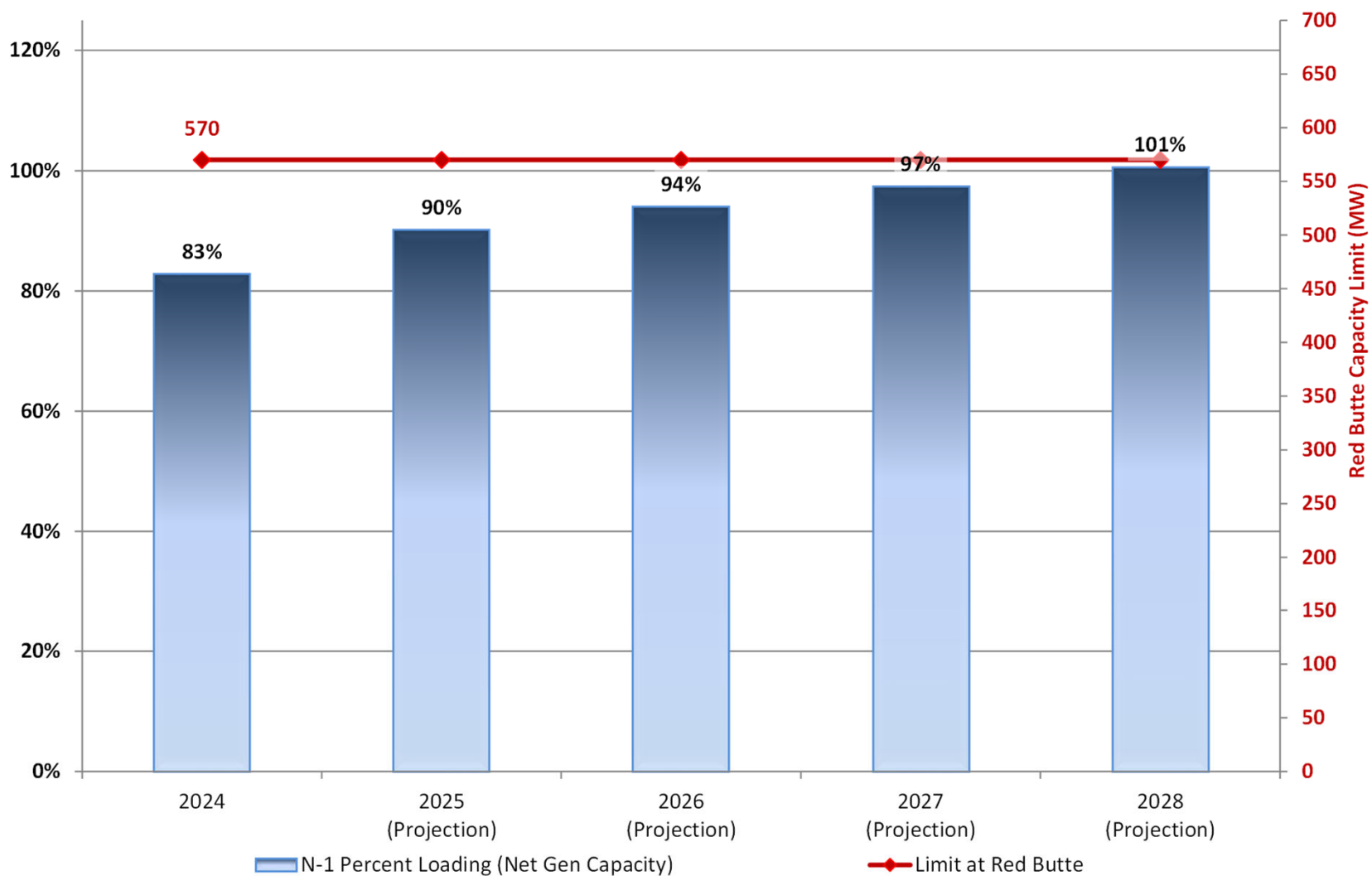
Washington County Area Detailed Historical Loading



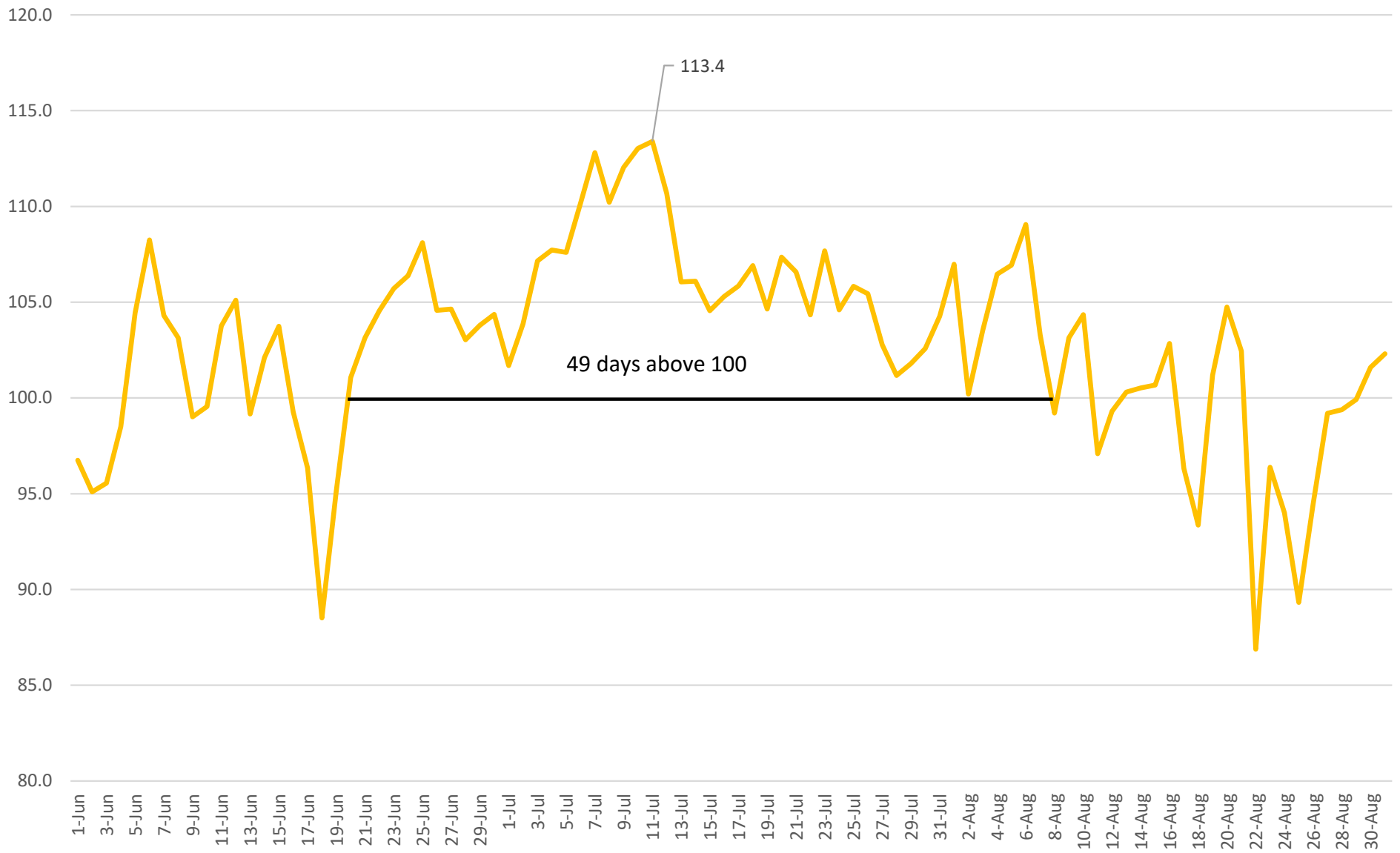
July 11, 2024 Washington County Profile



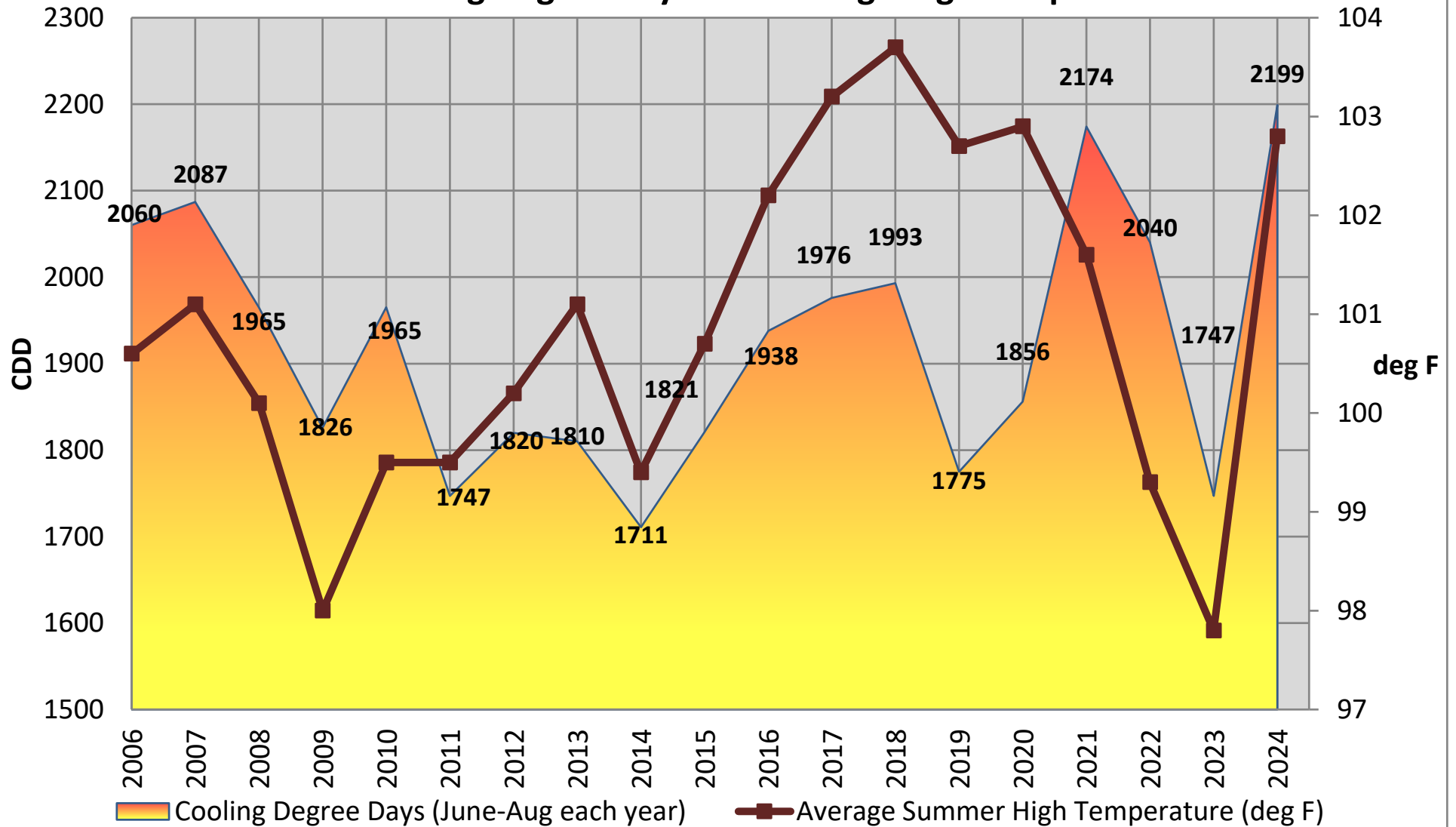
Washington County Area Planning Criteria Loading for Red Butte transformer failure



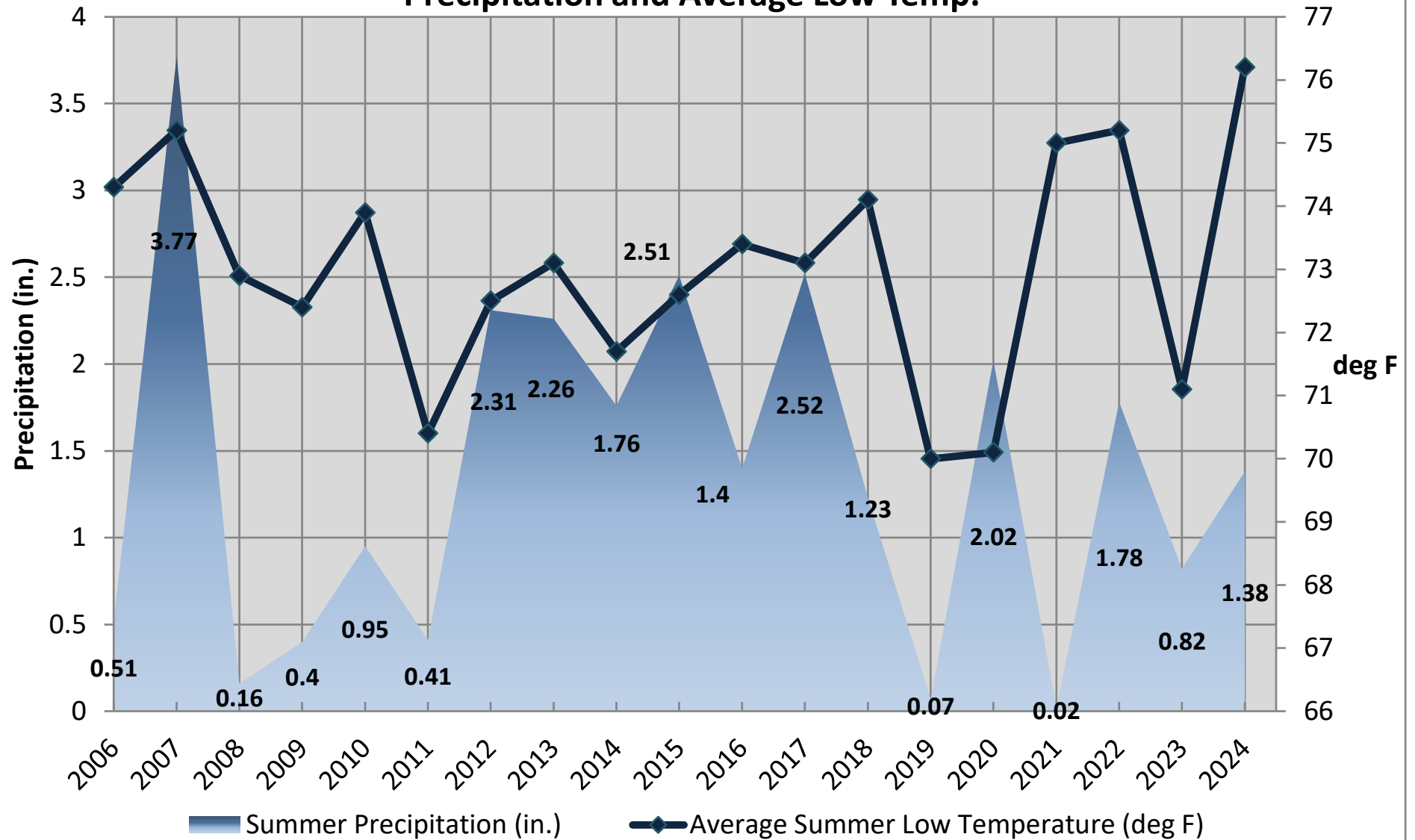
Daily Max Temperature



Cooling Degree Days and Average High Temp.

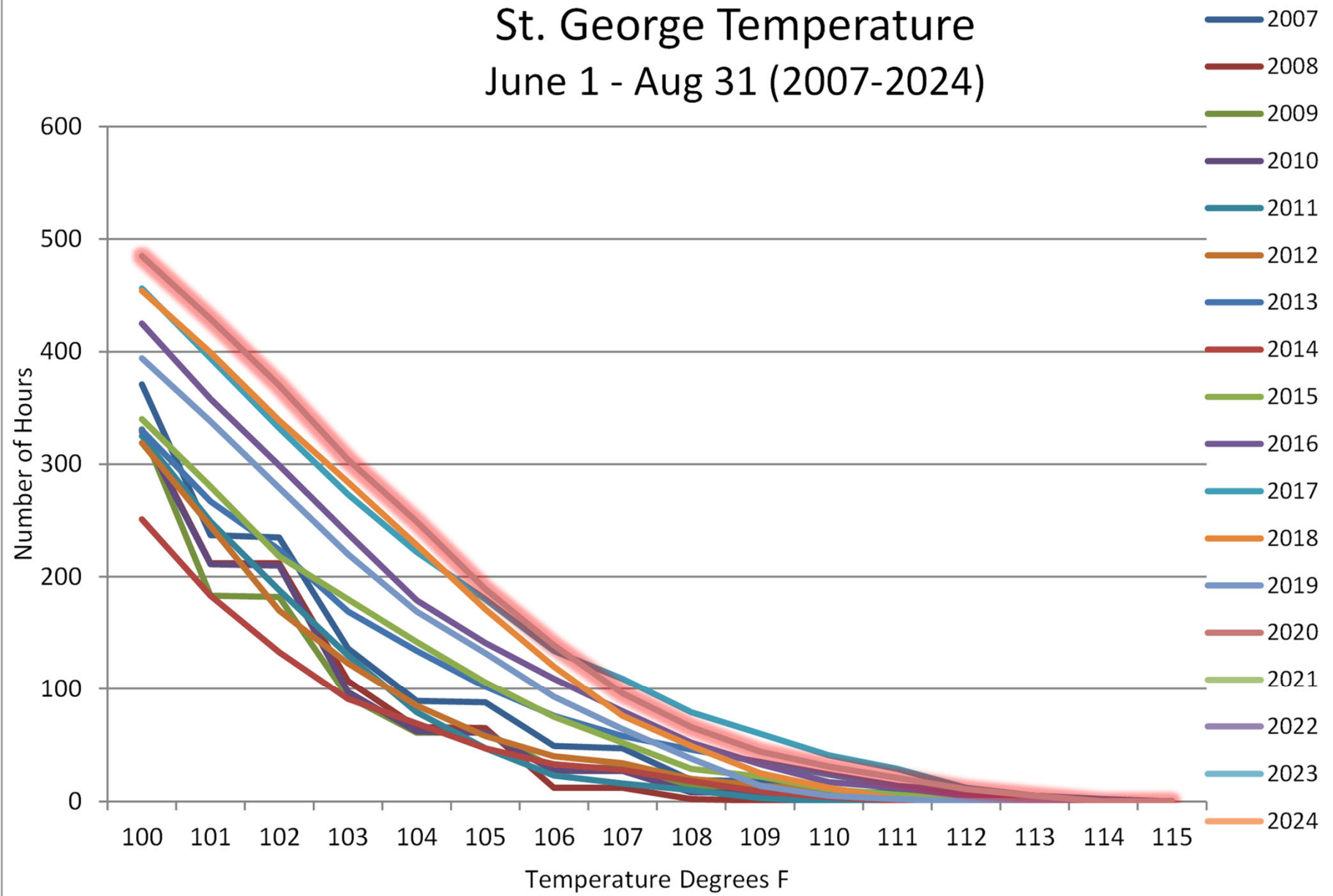


Precipitation and Average Low Temp.

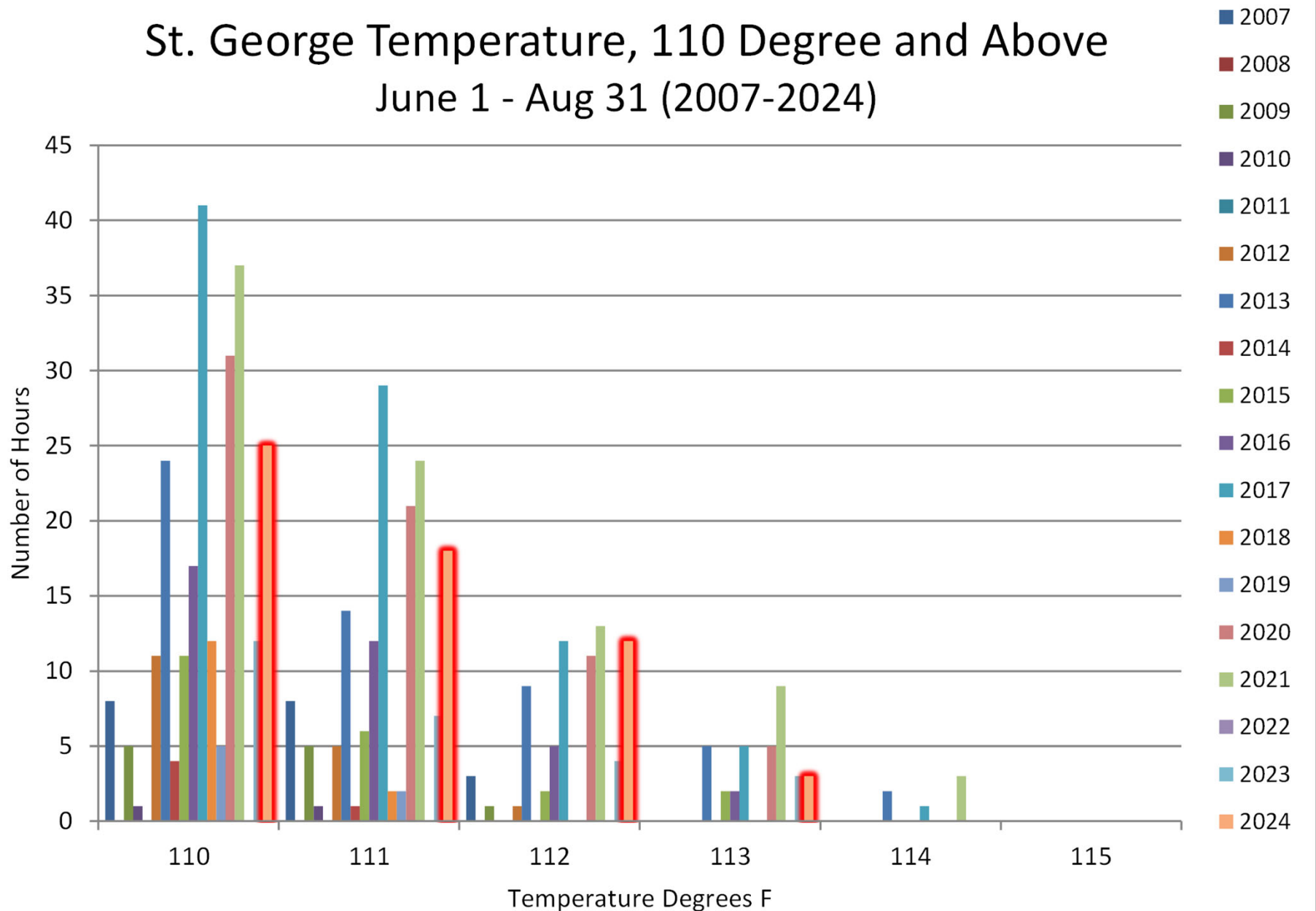


St. George Temperature

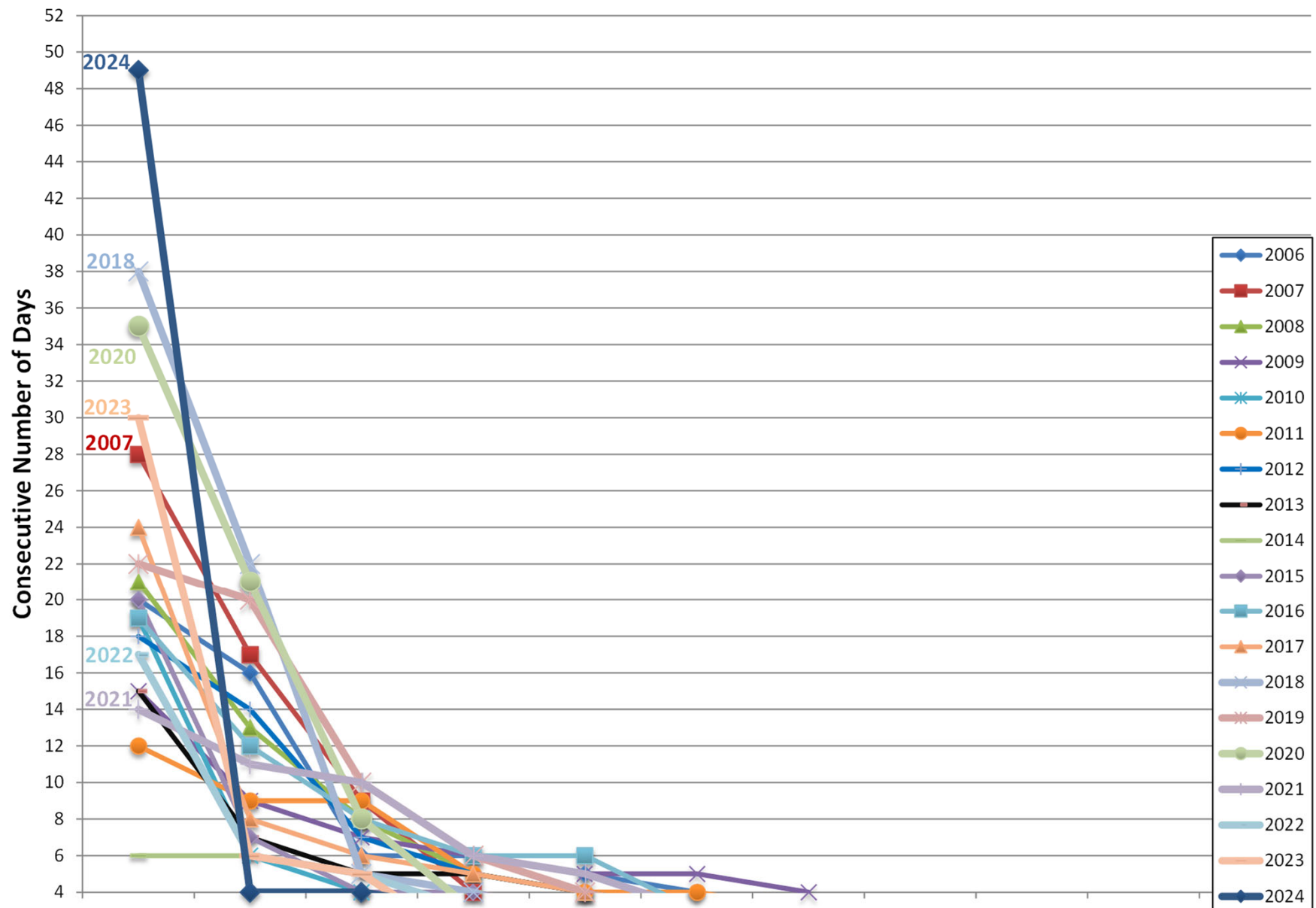
June 1 - Aug 31 (2007-2024)



St. George Temperature, 110 Degree and Above June 1 - Aug 31 (2007-2024)



Saint George Consecutive 100+ Degree Days



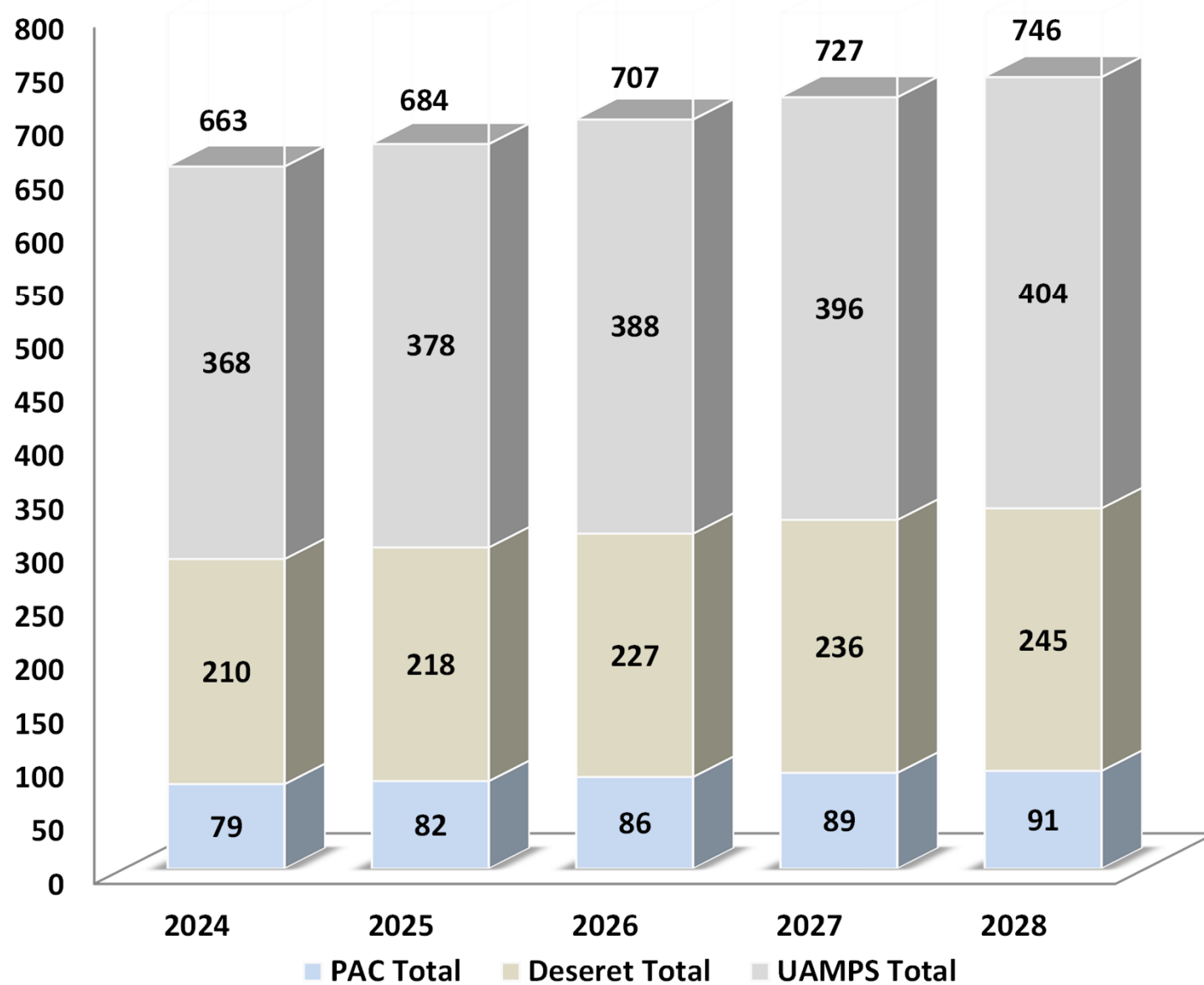
Projected Load

- 2024 Projected Non-Coincidental Load was 652 MW based on L&R. Future growth expected at 2-3%.

Washington County Area Annual Load and Resource Projections (received Spring 2024)

	"Non-Coincidental" (MW)				
	2024	2025	2026	2027	2028
St. George Sub - Skyline #1	86.6	88.0	89.4	90.6	91.6
St. George Sub - Skyline #2	86.6	88.0	89.4	90.6	91.6
St. George Sub - River	70.6	71.8	72.9	73.6	74.3
Purgatory - Anticline	29.3	30.7	32.0	32.9	33.9
Purgatory - Clifton Wilson	50.4	53.0	55.4	57.7	60.0
Purgatory - Millcreek	37.6	39.1	40.4	41.3	42.3
City of St. George (Ledges Sub)	6.7	7.5	8.5	9.4	10.3
UAMPS Total	367.8	378.0	388.0	396.0	404.0
Growth Rate		3%	3%	2%	2%
Middleton - Dixie REA	199.0	207.0	216.0	224.0	233.0
Twin Cities - Garkane REA	11.0	11.0	11.0	12.0	12.0
Deseret Total	210.0	218.0	227.0	236.0	245.0
Growth Rate		4%	4%	4%	4%
Enterprise	7.7	7.7	7.7	7.7	7.7
Gateway/Quail Creek/Toquerville	32.7	33.9	35.2	36.4	37.6
Ivins/Red Mountain	24.7	24.9	25.0	25.2	25.3
Middleton #4	13.8	15.3	17.7	20.2	20.6
PAC Total	79	82	86	89	91
Growth Rate		4%	5%	4%	2%
Total Area Projected Load (MW) (all loads typically fed from Red Butte Substation-6MW of Losses Added)	663	684	707	727	746
Total Area Growth Rate		3%	3%	3%	3%

2024-2028 Washington County Projection



Upcoming Southwest UT Projects

- 2025
 - Modification to Red Butte/Central RAS for a looped system
- 2026
 - Convert Red Butte-St. George line to 345 kV and install 345/138 kV transformer at St. George

Conclusions

- 2024 gross peak load - 641 MW was 36 MW higher than the 2023 peak
- Summer weather conditions – record days above 100, record low temperatures, record CDD
- Sufficient transmission capacity for projected future growth



In conjunction with the above members,



2025 Scholarship Opportunity

UAMPS is committed to continuing its focus on renewable energy and will be awarding four \$2,500 scholarships in 2025 to High School seniors who demonstrate interest in an educational path that will promote renewable energy development in the state of Utah.

Eligibility:

- High School seniors who will attend a post-secondary 2-year or 4-year college or educational program.
- Reside in a household within a UAMPS member municipality or entity participating in the Steel Solar (A) project (see logos above for participating cities or entities).
- 3.0 GPA
- U.S. Citizen

Application submission:

- In your own words and without the use of AI, write a 500 to 1,000-word essay on the benefits of renewable energy, and how your educational and career plan will promote or advance the use and production of renewable energy. Include your planned field of study. Include a copy of your most recent transcript as the last page.
- Include a cover page with your name, high school, date, email, phone number and address. Do not put your name on any other pages of the essay.
- **Send your essay and any questions to rhonda@uamps.com**
- **Essays due by midnight on February 28th, 2025.**
- Winners will be notified by phone and email by March 21, 2025

Helpful resources

Resources:

College or Certificate options:

<https://www.linemancentral.com/states/utah>

<https://www.slcc.edu/workforce-training/energy-career-training-index.aspx>

<https://www.mslcat.org>

<https://catalog.utahtech.edu/programs/earth-environmental-sciences/earth-energy-environmental-science-geoscience-bs/index.html>

Other resources:

www.epic.utah.edu

<https://getintoenergy.org/student-pathways/>

<https://www.energy.gov/eere/renewable-energy>

www.uamps.com

November 2024

Project Meeting Overview Report

CARBON FREE POWER PROJECT (CFPP)

1. Discussed in Executive Session:
 - a. Current activity status, project wind down steps, timeline, legislative strategy and Department of Energy interactions.

CENTRAL-ST. GEORGE PROJECT

1. Discussed in Executive Session:
 - a. Litigation update including current status and next steps.
2. Discussed St. George transformer financing and bonding options including the finance team, the purpose of financing and next steps.
3. Discussed Right of Ways (ROW):

Sand Hollow Road including a broken pole, a one-day outage to replace the pole and guy wire relocation update.

 - a. Asset Audit ROW Discovery Project update.
 - b. Santa Clara and St. George Engineering Analysis update.
4. Discussed the Operations Report including substation reports for the month of October.

COLORADO RIVER STORAGE PROJECT (CRSP)

1. Discussed CRSP including hydrology and Lake Powell conditions.
2. Discussed Long-Term Experimental and Management Plan Final Supplemental Impact Statement (LTEMP SEIS) including Smallmouth Bass issue, water temperatures, slough and savings from CREDA.

3. Discussed the Operations Report including output for each resource for the month of October.

CRAIG MONA PROJECT

1. **Approved moving forward with two-year Mercuria Transmission Service Lease Agreement as recommended and discussed.**
2. Discussed the Operations Report including transmission line usage for the month of October.

FIRM POWER SUPPLY PROJECT

1. **Approved the Steel Solar 1A & 1B Scholarship Program, as presented and discussed.**
2. Discussed the prepay transaction including the closing date which was November 14th, details and anticipated savings.
3. Discussed the Operations Report including output and scheduling from each resource for the month of October.

GOVERNMENT AND PUBLIC AFFAIRS PROJECT (GPA)

1. Discussed Federal & State Legislation including Executive Branch and Congressional Updates:
 - a. The results and impact of the 2024 Presidential, House and Senate Elections.
 - b. Legislation highlights including bills related to energy issues.
 - c. Future “State of UAMPS” in-district meetings during the August Recess.
 - d. APPA Legislative Rally proposed itinerary and update.
 - e. State Legislation including lobbying efforts and key topics/issues:
 - Nuclear energy
 - New loads
 - DADA recommendationPacifiCorp split up

2. Discussed Governor Cox's Operation Gigawatt.
3. Discussed the Nebo Plant tour with Lt. Governor Henderson on November 20, 2024.

HUNTER PROJECT

1. Discussed operations and scheduling procedures including scheduling changes that started in November.
2. Discussed joint owners/EDAM participation including Hunter fuel update, next steps, EDAM changes and Hunter 2 allocator.
3. Discussed the Operations Report including plant scheduled output for the month of October.

INTERMOUNTAIN POWER PROJECT (IPP)

1. **Approved Budget Amendment #9 including fuel costs, Summer Energy deficit and new fuel rate for the Winter Season.**
2. Discussed IPP callback. Notice forms have been sent and need to be returned for the upcoming summer season and next year.
3. Discussed plant updates including timing of units coming online, coal supply and potential ribbon cutting in September 2025.
4. Discussed the Operations Report including scheduled output for the month of October.

NEBO PROJECT

1. Discussed plant operations including regulatory items, October statistics, operational items, plant maintenance/safety items and executive summary.
2. Discussed the completion of the planned Fall outage including dates, completed projects and photos.
3. Discussed the prepay transaction including the closing date which was November 14th, details and anticipated savings.
4. Discussed FY26 Capital Projects and Purchases:
 - a. Duct burner including upgrade and benefits.
 - b. Compressor Modification/MKVle including benefits and additional software.

- c. Other projects and purchases including gas turbine generator, generator stator bar, HRSG, duct burner interior case liner and steam turbine V1.
- 5. **Approved the FY26 Capital Projects and Purchases as presented and discussed.**
- 6. Discussed Right of Ways (ROW):
 - a. UDOT Pole Relocation including the completed pole replacement during the 138kV outage with no issues.
- 7. Discussed the Operations Report for the month of October including Nebo energy breakdown and Nebo sales margins.

POOL PROJECT

- 1. Discussed PX & Scheduling Report including UAMPS total hourly load in October and Nebo average day load for Q3 2024.
- 2. Discussed forecasting including total forecasted load and resources.
- 3. Discussed Mercuria Swap & RECs including potential opportunities for REC value, qualified renewable resource products and their values (RECs & Energy), the process of transaction flows, and gathered member interest for the arrangement types.
- 4. Discussed EDAM including priority of the scheduling coordinator, development of UAMPS internal process, settlement quality meter data, communication with CAISO and benefits analysis.
- 5. Discussed the Operations Report for the month of October including load peak and energy, along with Pool information.

RESOURCE PROJECT

- 1. **Approved the selection of Bank of America to provide two \$15 million Lines of Credit for the Peaking and Baseload Projects as presented and discussed.**
- 2. Discussed in Executive Session:
 - a. Geothermal projects including Rodatherm and Ormat updates.
 - b. Cove Fort 2 Study Project including Budget Amendment #11.
 - c. Uinta Wind Energy Project including current status and next steps.

- d. Natural Gas Generation Projects including project overview, current status, property options and next steps.
- e. Power County UMPA Joint Ownership Agreement including an overview of the phases, current status and next steps.
- 3. **Approved Budget Amendment #11 for the Cove Fort 2 Study Project, as presented and discussed.**
- 4. **Approved resolution authorizing changes to certain Power Sales Contracts for the Power County (Baseload) and Millard County (Peaking) Power Projects as presented and discussed.**

MEMBER SERVICES PROJECT

- 1. **Approved Budget Amendment #10 for Payson City Generator Services Project Bonding, as presented and discussed.**
- 2. Discussed Gridware including pilot program overview, participants in the program, APPA DEED Grant overview, deployment, use cases and pilot program results.
- 3. Discussed AMI including vendor updates, software overview and next steps.

BOARD OF DIRECTORS MEETING

- 1. **Shane Ward received his 10 Years of Service Award.**
- 2. **Approved the 2025-2026 Budget Policy.**
- 3. **Approved new UAMPS branding and style guide.**
- 4. Executive Session:
 - a. CEO Salary Negotiation Process
- 5. Approved all action items for the Project Meetings.
- 6. Reminder about the UAMPS Annual Meeting held in conjunction with next month's Project Meetings.