HEBER LIGHT & POWER COMPANY

31 S 100 W
Heber City, UT 84032

BOARD MEETING NOTICE & AGENDA

Date: **September 24, 2025**
Time: **4:00 pm Board Meeting**
Location: **Heber Light & Power**
31 S 100 W, Heber City, UT

Zoom Link:
https://heberpower.zoom.us/webinar/register/WN_j6ZTlFWATwOji13DCTk4XQ

Board of Directors:

Heber City Mayor – Heidi Franco
Midway City Rep. – Kevin Payne
Charleston Town Mayor - Brenda Christensen
Wasatch County Council Rep. - Kendall Crittenden
Heber City Council Rep. – Sid Ostergaard
Heber City Council Rep. – Aaron Cheatwood

AGENDA

1. Approval of Consent Agenda:
   - August 27, 2025 Board Meeting Minutes
   - August 2025 Financial Statement
   - August 2025 Warrants
2. Discussion on Integrated Resource Plan Update(Emily Brandt)
3. Discussion and Approval on Capital Plan(Jason Norlen)
4. Wholesale Power Report(Emily Brandt)
5. Review and Approval of the Use of CIAC Funds For Purchase of Real Property Resolution 2025-04(Jason Norlen)
6. Review and Approval Authorizing the Fremont Solar PPA Project Transtion Schedule Under the Master Firm Power Supply Agreement with Utah Associated Municipal Power Systems; and Related Matters Resolution 2025-05(Jason Norlen,Emily Brandt)
7. GM Report
   - UAMPS Report
   - IPA Update
   - Building Update
   - Update on Discussion With Heber City Council Regarding Undergrounding Facilities Along 100 West
8. Closed Session: To Discuss Purchase or Sale of Real Property and/or Personnel Issues
9. Strategic Planning Session
   - Safety
   - Reliability
   - Financial Strength

Agenda Item 1: Consent Agenda
Board Minutes

Board Meeting September 24, 2025

HEBER LIGHT & POWER COMPANY
31 South 100 West
Heber City, Utah 84032

BOARD MEETING
August 27, 2025

The Board of Directors of Heber Light & Power met on August 27, 2025, at 4:00 pm at the Heber Light & Power Business Office, 31 S 100 W, Heber City, Utah.

Board Member Attendance:
Board Chair – Heidi Franco: Present
Director – Kevin Payne: Present
Director – Brenda Christensen: Present
Director – Sid Ostergaard: Not Present
Director – Aaron Cheatwood: Present
Director – Kendall Crittenden: Present

Others Present: Jason Norlen, Bart Miller, Adam Long, Karly Schindler, Rylee Allen, Jake Parcell, Riley Wright, Colby Houghton, Emily Brandt, and Julie Wagstaff

Chair Franco welcomed those in attendance.

1. Consent agenda - approval of a) June 25, 2025, Board Meeting Minutes, b) June/July 2025 Financial Statements, c) June/July 2025 Warrants. Chair Franco asked for a motion to approve the Consent agenda.
   Motion. Director Crittenden moved to approve the Consent agenda. Director Christensen seconded the motion. The motion carried with the following vote:
   Board Chair – Heidi Franco: Approve
   Director – Kevin Payne: Approve
   Director – Brenda Christensen: Approve
   Director – Sid Ostergaard: Not Present
   Director –Aaron Cheatwood: Approve
   Director –Kendall Crittenden: Approve

2. Customer request and discussion to adjust the demand charge and service fee. Julie Wagstaff, who owns an arena in Daniels addressed the board. Despite low electricity consumption, her bill has increased due to demand and service charges. Jason Norlen reviewed the bill with her, explaining the demand component, her classification under the Small General Service rate, and the requirements of the State Tax Commission, which audits customer classifications annually. He recommended that during the next rate review, the board consider demand forgiveness for Small General Service accounts with consistently low kWh usage. HLP plans to send a crew next week to conduct an on-site audit of the facility's lighting and energy use, evaluate potential cost-saving opportunities, and inform the customer about available rebates for LED upgrades.

(Director Ostergaard joined online.)

3. Discussion on Integrated Resource Plan (IRP). Emily Brandt provided an update on the Integrated Resource Plan (IRP), which is required every five years under WAPA guidelines and serves as a strategic tool for planning HLP's future energy portfolio. She reviewed the regulatory requirements and detailed the process and data used in developing HLP's IRP, including analysis of capacity factors, current resource performance, and contingency planning for potential resource losses. The discussion included recent additions to the portfolio, such as natural gas added last year, which has improved reliability. Emily also outlined ongoing plans for incorporating renewable energy projects. She presented a chart illustrating HLP's current energy mix and projected future portfolio, demonstrating that HLP is on track to meet its goals. The finalized IRP will be presented at a later date. Chair Franco requested that the draft IRP be made available for at least two months of public comment and that a notice be included in HLP bills to encourage community feedback.

4. Wholesale Power Report. Emily Brandt reported that HLP is currently operating 5% under budget, with natural gas accounting for 50% of the overall budget. She noted that overall, wholesale power is 12% under budget, primarily due to lower-than-projected demand.

5. Discussion on Capital Plan (Discussion on Impact Fee). Jason Norlen reviewed several major items in the upcoming Capital Plan, including the replacement of Plant 1, which would involve replacing the existing power plant, and the construction and rebuilding of substations needed to support future growth—specifically, the Midway Substation rebuild. He also discussed the need to acquire right-of-way for new transmission lines and additional projects to offload circuits from the Heber City and College substations. Jason noted that all of these projects are eligible for funding through impact fees. Adam Long provided an overview of the legal limitations and requirements surrounding impact fees, including how they must be tied to expected growth and demonstrated demand. He explained the criteria for qualifying projects under the Impact Fee Act and emphasized the importance of relying on reasonable cost estimates and sound judgment based on current planning studies and available data.

(Director Ostergaard left the meeting.)

6. GM Report.

UAMPS Report. Jason reported on information received at the UAMPS conference. He noted that he sent the board some documentation from the conference regarding getting our utility prepared for wildfire risk. A wildfire mitigation plan will be coming to the board by the end of the year. Jason discussed prudent utility practice obligations to mitigate wildfire risk including preemptively de-energizing lines implementing a vegetation management plan in risk areas. Regarding the UAMPS gas plant projects, those two projects continue to move forward. Jason also reported that the UAMPS budget year closed out, and the margin that we will receive as a credit on our wholesale power account is around $104,000.

IPA Update. IPA continues to do the commissioning's on units 3 and 4. They have enough coal to continue running the coal units until around November when they plan to have both units 3 and 4 fully commissioned. We have about 2 MW of power called back from IPA for the winter season. We anticipate that that 2 MW will be served by natural gas generation from about November through the callback period of April at which time we will reevaluate it.

Employee Updates. We have two new employees, Jim Madson as a journeyman lineman and Nate Bijolle as a Fleet Manager.

Building Update. The concrete is about at the 95% level of being poured for the sidewalk and curb, in preparation to pour asphalt. The drywall is being installed inside, while the exterior siding is also being applied.

The board skipped ahead to agenda item 8, Strategic Planning Session.

8. Strategic Planning Session:

SWOT Analysis: The board and staff reviewed and updated the strengths, weaknesses, opportunities, and threats section of the Strategic Plan. Some of the changes included: Opportunities section - change New Voltage Class to 138kv System; in the Threats section – add the threats of wildfires, costs and availability of liability insurance, and permitting new projects.

Human Resources: The board and staff reviewed the Strategic Plan-Workforce Objectives with specific emphasis on succession planning. Karly Schindler explained the succession planning framework which is integrated with performance management and professional development during employee one-on-ones. Chair Franco suggested incorporating the succession planning document into the Workforce section of the Strategic Plan. Karly also showed a summary of the results of one-on-one employee engagement discussions with the General Manager which showed positive feedback from employees on their employment at the company. The board and staff also reviewed the organizational chart showing short-term projections of future positions.

The board returned to item 7 on the agenda.

7. Closed Session: To discuss purchase or sale of real property and/or personnel issues.

Motion: Director Crittenden moved to go into closed session. Director Payne seconded the motion. The motion carried with the following vote:

Board Chair – Heidi Franco: Approve
Director – Kevin Payne: Approve
Director – Brenda Christensen: Approve
Director – Aaron Cheatwood: Approve
Director – Kendall Crittenden: Approve
Director – Sid Ostergaard: Not Present

Motion: Director Cheatwood moved to exit the closed session. Director Christensen seconded the motion. The motion carried with the following vote:

Board Chair – Heidi Franco: Approve
Director – Kevin Payne: Approve
Director – Brenda Christensen: Approve
Director – Aaron Cheatwood: Approve
Director – Kendall Crittenden: Approve
Director – Sid Ostergaard: Not Present

The board gave direction to staff to move forward with the purchase of the property using CIAC funds.

Staff will add this item to next month's agenda for formal approval.

With no further business to discuss, Director Franco asked for a motion to adjourn the meeting.

> Motion: Director Cheatwood moved to adjourn the meeting. Director Payne seconded the motion. The motion carried with the following vote:
>
> Board Chair – Heidi Franco: Approve
> Director – Kevin Payne: Approve
> Director – Brenda Christensen: Approve
> Director – Aaron Cheatwood: Approve
> Director – Kendall Crittenden: Approve
> Director – Sid Ostergaard: Not Present

Meeting adjourned.

Rylee Allen
Board Secretary

Agenda Item 1: Consent Agenda

Financials

Board Meeting September 24,2025

Heber Light & Power

TRENDS AT A GLANCE - Financial Summary

Year To Date August 31, 2025

		12/31/21	12/31/22	12/31/23	12/31/24	YTD 08/31/25	YTD Budget	Annual Budget
1	**Total Customers**	13,682	14,181	15,078	15,757	16,301		
2	**Customer Growth**	3.85%	3.65%	6.33%	4.50%	3.45%		
3	**Cash and Investments (Operating)**	369,478	(280,982)	1,029,003	1,264,329	1,040,045		20,427,450
4	**Cash and Investments (Operating Reserves)**	3,531,800	6,913,764	5,172,668	13,672,059	11,215,804		8,011,509
5	**Days cash on hand**	82	109	100	202	146		120
6	**Cash and Investments Restricted**	18,152,483	9,925,319	23,152,516	8,282,790	4,238,892		
7	**Net Capital Assets**	48,024,733	59,655,315	81,055,577	94,925,367	108,228,215		
8	**Total Assets**	77,162,287	86,592,269	125,205,376	133,634,112	146,572,664		
9	**Total Liabilities**	26,703,304	30,764,597	61,018,562	57,821,713	60,447,987		
10	**Net Position (Equity)**	50,531,782	54,998,754	64,186,815	75,812,399	86,124,676		
11	**Operating Revenues**	21,420,515	23,077,390	25,991,779	27,466,150	22,400,724	19,990,821	29,180,901
12	**Operating Expenses**	20,057,173	25,223,257	26,165,610	29,474,699	21,764,190	21,347,671	32,134,076
13	**Operating Income**	1,363,342	(2,145,867)	(173,831)	(2,008,550)	636,534	(1,356,850)	(2,953,175)
13a	**Operating Income less Depreciation**	4,069,767	858,571	3,224,640	2,447,104	3,993,231	1,731,304	1,652,599
14	**Impact Fees**	2,387,447	3,195,068	4,142,767	4,865,618	2,581,513	2,000,000	3,000,000
15	**Restricted Net Assets Impact Fees**	3,445,774	12	25	20,269	20,290		
16	**Contributions (CIAC)**	6,100,580	4,056,099	5,472,934	9,437,873	5,722,372	2,000,000	3,000,000
17	**Restricted Net Assets CIAC**	1,143,545	1,121,123	1,643,529	1,706,032	2,668,952		
18	**Inventory**	3,757,132	4,430,810	6,406,955	8,484,856	12,495,178		
19	**CIAC Inventory included in line 18**	2,255,274	2,992,759	3,716,034	4,921,217	7,247,203		
20	**Distributions**	300,000	300,000	75,000	0	0	0	0
21	**Change In Net Position (Net Income)**	9,059,325	4,466,972	9,113,065	9,085,309	6,952,395	655,126	64,789
22	**Net Cash Provided by Operating Activities**	2,021,413	3,847,915	(2,586,448)	1,209,698			
23	**Debt Service**	1,615,023	1,625,499	1,326,952	3,209,632	1,988,024	1,988,024	2,982,036
24	**Leverage Ratio**	6.2	9.7	10.9	8.8			<8.0
25	**Affordability Rate**	1.30%	0.96%	1.01%	0.98%			<2.5%
26	**Debt Service Coverage Ratio**	4.05 / 2.57	2.66 / 0.7	6.81 / 3.69	2.75 / 1.24	3.61 / 2.31		>1.25
27	**Payroll, Benefits, Taxes**	5,641,900	6,392,193	7,258,341	7,863,272	5,361,278	5,321,318	8,138,487
28	**Rates/Rate Increases**	2.0%	5.5%	5.5%	5.5%	13.1%	0.0%	0.0%
29	**Energy Supply (MWh)**	207,035	215,711	220,434	236,708	169,043		248,543
30	**Energy Sales (MWh)**	193,144	201,380	206,013	221,222	157,870		232,283
31	**Energy Growth**	3.11%	4.19%	2.19%	6.87%	6.47%		5.00%
32	**Sales Growth**	3.39%	4.26%	2.30%	6.87%	4.84%		5.00%
33	**MW usage/Coincident Peak**	47	49	52	53	53		
34	**Overall System Capacity**	50	50	50	100	100		
35	**System Age Percentage**	48%	44%	45%	36%	36%		< 55%
36	**Total Capital Budget Expenditures**	7,573,059	9,429,982	34,581,872	23,289,398	19,067,832		38,866,000

	Notes
1	(EMMA - SEC Summary posted on EMMA website. PB Bart)
2	(percent calculation of year to year increase on line 1)
3	(08/31 FS pkg. pg 1. - line 3 and line 4 add together to arrive at Cash and investments deposited in unrestricted accounts. Annual budget is min recommendation by UFS.)
4	(08/31 FS pkg. pg 1.- line 3 and line 4 add together to arrive at Cash and investments deposited in unrestricted accounts. Board requires no less than 91 days in reserve.)
5	(FITCH requirement/Bart calculation-target 115-150 to be in a better position for potential financing) Days of cash on hand is calculated by dividing unrestricted cash and cash. equivalents by the system's average daily cost of operations, excluding depreciation (annual operating expenses, excluding depreciation, divided by 365). Current Cash Reserve Policy is minimum 91 days.
6	(08/31 FS pkg. pg 1. Restricted cash and investments, namely Bond Funds, Escrow Payments, and CIAC amounts. Annual budget is min recommendation by UFS.)
7	(08/31/FS pkg. pg 1)
8	(08/31/FS pkg. pg 1)
9	(08/31/FS pkg. pg 1)
10	(08/31/FS pkg. pg 1 - Net Position reflects total assets less total liabilities)
11	(08/31/FS pkg. pg 4)
12	(08/31/FS pkg. pg 4)
13	(08/31/FS pkg. pg 4 Operating Revenues less Operating Expenses)
13a	(08/31/FS pkg. pg 4 Operating Revenues less Operating Expenses plus Depreciation Expense)
14	(08/31/FS pkg. pg 4 - Impact Fees Revenue brought in during the year.)
15	(Impact Fees received but project not completed.)
16	(08/31/FS pkg. pg 4 - CIAC Revenue brought in during the year.)
17	(CIAC received but project not completed.)
18	(08/31 FS pkg. Pg. 1, pg 10,)
19	(08/31 FS pkg. Pg. 1, pg 10
20	(08/31 FS pkg. Pg. 4 Distributions to Owners)
21	(08/31 FS pkg. Pg. 4 Bottom Line including all income and expenses including CIAC, Impact Fees and Debt Service.)
22	(Audit Statement of Cash Flows provided annually with audit - Target from UFS)
23	GenSet Lease (164,308.29) + 2012 DS (104,000) + 2019DS (1,092,750) + 2023DS (2,121,000) - 2019Premium (269,807) - 2023Premium (230,215)
24	(FITCH calculation - should be no higher than 8.0 - Net Adjusted Debt divided by Adjusted FADs for Leverage)
25	(Ability for customers to pay the HLP bill) Avg Res Cost of Electric(Annualized Res Rev/Customer Count)/Median Household Income (US Census Bureau)
26	Bond covenants require 1.25 - First Value Formula: (Income + Dep + Int Inc+Imp Fee Rev)/(Total debt) Second Value Formula: (Income + Dep + Int Inc)/(Total debt)
27	(Bart - Gross wages, total benefits, payroll taxes)(**Employee Totals Report**)
28	(Board approved annual rate increases.)
29	(EMMA - SEC Summary posted on EMMA website. PB Bart)
30	(EMMA - SEC Summary posted on EMMA website. PB Bart)
31	5.47% over all years average 1.39%/Year (2025 reflects the August 2025 to the August 2024)
32	(calculated % Energy sales growth from year to year) (2025 reflects the August 2025 to the August 2024)
33	System peak on the year
34	(System capacity based upon all available resources.)
35	Average Age of System Assets (Accumulated Depreciation/Book Value)
36	Annual Expenditures on Capital Assets (Includes costs captured in CWIP plus unitized assets)

HEBER LIGHT & POWER COMPANY
Statement of Net Position
August 31, 2025 and 2024

	2025	2024	Variance	% Change
ASSETS				
Current Assets:				
Cash and Investments	12,255,849.15	15,547,958.33	(3,292,109.18)	-21%
Restricted Cash and Investments	4,238,891.75	12,304,193.45	(8,065,301.70)	-66%
AR(Net of Doubtful Accounts)	3,467,483.03	2,593,459.62	874,023.41	34%
Unbilled Receivables	1,707,944.98	1,675,159.07	32,785.91	2%
Prepaid Expenses	1,912,636.60	1,241,825.94	670,810.66	54%
Material Inventory	12,495,177.66	6,503,028.42	5,992,149.24	92%
Other Current Assets	69,332.21	107,596.04	(38,263.83)	-36%
Total Current Assets	*36,147,315.38*	*39,973,220.87*	*(3,825,905.49)*	*-10%*
Capital Assets:				
Land, CWIP & Water Rights	25,531,051.42	34,580,724.33	(9,049,672.91)	-26%
Depreciable (net of Accum Depreciation	82,697,163.86	55,824,356.75	26,872,807.11	48%
Net Capital Assets	*108,228,215.28*	*90,405,081.08*	*17,823,134.20*	*20%*
TOTAL ASSETS	**144,375,530.66**	**130,378,301.95**	**13,997,228.71**	**11%**
DEFERRED OUTFLOWS OF RESOURCES				
Pension Related	2,197,132.87	1,790,995.65	406,137.22	23%
TOTAL DEFERRED OUTFLOWS	**2,197,132.87**	**1,790,995.65**	**406,137.22**	**23%**
LIABILITIES				
Current Liabilities:				
Accounts Payable	2,507,120.18	516,446.16	1,990,674.02	385%
Accrued Expenses	3,082,583.59	2,356,195.54	726,388.05	31%
Related Party Payable	493,915.42	351,686.58	142,228.84	40%
Current Portion of LTD	1,785,324.65	1,962,618.06	(177,293.41)	-9%
Total Current Liabilities	*7,868,943.84*	*5,186,946.34*	*2,681,997.50*	*52%*
Non-Current Liabilities:				
Revenue Bonds Payable	43,359,675.35	44,522,381.94	(1,162,706.59)	-3%
Bond Premium	4,729,397.60	5,247,293.60	(517,896.00)	-10%
Capital Lease Obligations	758,858.58	898,911.14	(140,052.56)	-16%
Compensated Absences	1,553,879.31	1,472,319.64	81,559.67	6%
Early Retirement Incentive	140,131.74	129,666.71	10,465.03	8%
Contract Payable	1,199,436.00	1,189,196.00	10,240.00	1%
Net Pension Liability	837,664.95	562,402.00	275,262.95	49%
Total Non-Current Liabilities	*52,579,043.53*	*54,022,171.03*	*(1,443,127.50)*	*-3%*
TOTAL LIABILITIES	**60,447,987.37**	**59,209,117.37**	**1,238,870.00**	**2%**
DEFERRED INFLOWS OF RESOURCES				
Pension Related	9,227.65	9,420.00	(192.35)	-2%
TOTAL DEFERRED INFLOWS	**9,227.65**	**9,420.00**	**(192.35)**	**-2%**
NET POSITION				
Net Investment in Capital Assets	89,842,320.20	71,094,250.85	18,748,069.35	26%
Restricted for Capital Projects	4,280,941.64	4,832,156.60	(551,214.96)	-11%
Unrestricted	(8,007,813.33)	(2,975,647.22)	(5,032,166.11)	169%
TOTAL NET POSITION	**86,115,448.51**	**72,950,760.23**	**13,164,688.28**	**18%**

HEBER LIGHT & POWER COMPANY
Statement of Net Position
August 31, 2025 and 2024

	2025	2024	Variance	% Change
ASSETS				
Current Assets:				
Cash and Investments	12,255,849.15	15,547,958.33	(3,292,109.18)	-21%
130.00 - Cash on Hand	212.83	212.83	-	0%
131.00 - Cash - General	(1,147,349.35)	(1,058,699.21)	(88,650.14)	8%
131.20 - Cash - Vehicle Reserve	752,255.48	679,969.28	72,286.20	11%
131.98 - Cash - Sweep	2,171,587.31	1,672,600.87	498,986.44	30%
131.99 - Cash - Clearing	15,593.87	6,207.00	9,386.87	151%
134.00 - PTIF - Reserve	10,289,453.71	14,081,512.95	(3,792,059.24)	-27%
134.01 - PTIF - Self-Insurance	174,819.61	166,878.92	7,940.69	5%
134.10 - PTIF - Valuation	(724.31)	(724.31)	-	0%
Restricted Cash and Investments	4,238,891.75	12,304,193.45	(8,065,301.70)	-66%
131.30 - Impact Fee	20,289.89	69,177.18	(48,887.29)	-71%
134.02 - PTIF - CIAC Holding	2,600,935.02	3,437,976.43	(837,041.41)	-24%
136.20 - 2012 Debt Service Escrow	78,919.08	252,714.82	(173,795.74)	-69%
136.50 - 2019 Project Fund	-	-	-	100%
136.51 - 2023 Project Fund	25,966.71	7,459,590.19	(7,433,623.48)	-100%
136.60 - 2019 Debt Service Escrow	461,954.26	385,811.80	76,142.46	20%
136.61 - 2023 Debt Service Escrow	1,050,826.79	698,923.03	351,903.76	50%
AR(Net of Doubtful Accounts)	3,467,483.03	2,593,459.62	874,023.41	34%
142.00 - Accounts Receivable	3,152,952.21	2,415,689.61	737,262.60	31%
142.10 - Jordanelle Receivable	283,964.22	165,435.60	118,528.62	72%
144.00 - Allowance for Doubtful Accounts	(154,107.85)	(288,568.22)	134,460.37	-47%
144.10 - Factored Doubtful Accounts	184,674.45	300,902.63	(116,228.18)	-39%
Unbilled Receivables	1,707,944.98	1,675,159.07	32,785.91	2%
142.98 - Unbilled Accounts Receivable	1,707,944.98	1,675,159.07	32,785.91	2%
Prepaid Expenses	1,912,636.60	1,241,825.94	670,810.66	54%
165.00 - Prepaid Expenses	548,130.67	556,899.75	(8,769.08)	-2%
165.10 - Unearned Leave	1,364,505.93	684,926.19	679,579.74	100%
Material Inventory	12,495,177.66	6,503,028.42	5,992,149.24	92%
154.00 - Material Inventory	12,495,177.66	6,503,028.42	5,992,149.24	92%
Other Current Assets	69,332.21	107,596.04	(38,263.83)	-36%
142.99 - CIS Clearing	-	-	-	100%
143.00 - Miscellaneous Receivables	69,332.21	107,596.04	(38,263.83)	-36%
Total Current Assets	*36,147,315.38*	*39,973,220.87*	*(3,825,905.49)*	*-10%*
Capital Assets:				
Land, CWIP & Water Rights	25,531,051.42	34,580,724.33	(9,049,672.91)	-26%
107.00 - Construction in Progress	20,600,572.72	29,650,245.63	(9,049,672.91)	-31%
389.00 - Land	4,300,103.70	4,300,103.70	-	0%
399.00 - Water Rights	630,375.00	630,375.00	-	0%
Depreciable (net of Accumulated Depreciation)	82,697,163.86	55,824,356.75	26,872,807.11	48%
108.00 - Accumlated Depreciation	(49,378,769.55)	(44,406,721.80)	(4,972,047.75)	11%
331.00 - Witt Power Plant	2,776,919.57	2,776,919.57	-	0%
332.00 - Generation Plant - Hydro	250,065.63	250,065.63	-	0%
334.00 - Generation Plant - Natural Gas	11,167,970.49	8,657,988.78	2,509,981.71	29%
361.00 - Lines	77,371,481.30	71,087,029.22	6,284,452.08	9%
362.00 - Substations	25,446,852.19	3,762,911.26	21,683,940.93	576%
368.00 - Transformers	19,869.84	19,869.84	-	0%
370.00 - Metering Assets	1,045,195.61	978,895.71	66,299.90	7%
390.00 - Buildings	3,795,029.37	3,795,029.37	-	0%
391.00 - Office Building Assets	355,813.73	355,813.73	-	0%
392.00 - Trucks and Motor Vehicles	5,201,498.57	4,354,816.16	846,682.41	19%
394.00 - Machinery, Equipment & Tools	2,810,241.16	2,491,542.29	318,698.87	13%
397.00 - Technology/Office Equipment	1,834,995.95	1,700,196.99	134,798.96	8%
Net Capital Assets	*108,228,215.28*	*90,405,081.08*	*17,823,134.20*	*20%*
TOTAL ASSETS	**144,375,530.66**	**130,378,301.95**	**13,997,228.71**	**11%**
DEFERRED OUTFLOWS OF RESOURCES				
Pension Related	2,197,132.87	1,790,995.65	406,137.22	23%
134.20 - Net Pension Asset	-	-	-	100%
134.30 - Deferred Outflows of Resources	2,197,132.87	1,790,995.65	406,137.22	23%
TOTAL DEFERRED OUTFLOWS	**2,197,132.87**	**1,790,995.65**	**406,137.22**	**23%**

HEBER LIGHT & POWER COMPANY
Statement of Net Position
August 31, 2025 and 2024

	2025	2024	Variance	% Change
LIABILITIES				
Current Liabilities:				
Accounts Payable	2,507,120.18	516,446.16	1,990,674.02	385%
232.00 - Accounts Payable	2,507,120.18	516,446.16	1,990,674.02	385%
Accrued Expenses	3,082,583.59	2,356,195.54	726,388.05	31%
232.98 - Accrued Liabilities	2,868,312.94	2,030,303.50	838,009.44	41%
232.99 - Uninvoiced Materials	44,669.94	207,574.11	(162,904.17)	-78%
235.10 - Customer Deposits	1,150.00	1,205.00	(55.00)	-5%
241.00 - Sales Tax Payable	147,590.22	97,175.72	50,414.50	52%
241.10 - Federal Withholding Payable	-	-	-	100%
241.20 - State Withholding Payable	19,581.85	17,959.57	1,622.28	9%
242.10 - Accrued Wages Payable	-	-	-	100%
242.40 - Salary Deferral	(445.20)	(445.20)	-	0%
242.99 - Payroll Clearing	3,365.62	3,365.62	-	0%
243.00 - HSA Employee Deferral	(1,641.78)	(942.78)	(699.00)	74%
Related Party Payable	493,915.42	351,686.58	142,228.84	40%
241.30 - Franchise Tax - Heber	332,969.04	234,096.74	98,872.30	42%
241.40 - Franchise Tax - Midway	126,305.16	91,764.66	34,540.50	38%
241.50 - Franchise Tax - Charleston	17,281.85	12,723.26	4,558.59	36%
241.60 - Franchise Tax - Daniel	17,359.37	13,101.92	4,257.45	32%
Current Portion of LTD	1,785,324.65	1,962,618.06	(177,293.41)	-9%
242.50 - Current Portion of LTD	1,785,324.65	1,962,618.06	(177,293.41)	-9%
Total Current Liabilities	*7,868,943.84*	*5,186,946.34*	*2,681,997.50*	*52%*
Non-Current Liabilities:				
Revenue Bonds Payable	43,359,675.35	44,522,381.94	(1,162,706.59)	-3%
221.10 - 2012 Bonds Principal	100,000.00	450,000.00	(350,000.00)	-78%
221.20 - 2019 Bonds Principal	16,625,000.00	16,965,000.00	(340,000.00)	-2%
221.21 - 2023 Bonds Principal	28,420,000.00	29,070,000.00	(650,000.00)	-2%
242.60 - Current Portion of LTD	(1,785,324.65)	(1,962,618.06)	177,293.41	-9%
Bond Premium	4,729,397.60	5,247,293.60	(517,896.00)	-10%
225.00 - 2012 Bond Premium	-	-	-	100%
225.10 - 2019 Bond Premium	1,487,925.15	1,770,341.15	(282,416.00)	-16%
225.11 - 2023 Bond Premium	3,241,472.45	3,476,952.45	(235,480.00)	-7%
Capital Lease Obligations	758,858.58	898,911.14	(140,052.56)	-16%
227.00 - GENSET Capital Lease	758,858.58	898,911.14	(140,052.56)	-16%
Compensated Absences	1,553,879.31	1,472,319.64	81,559.67	6%
242.20 - Accrued Vacation Payable	481,189.50	443,078.76	38,110.74	9%
242.30 - Accrued Sick Payable	1,072,689.81	1,029,240.88	43,448.93	4%
Early Retirement Incentive	140,131.74	129,666.71	10,465.03	8%
254.00 - Post Employment Liabilities	140,131.74	129,666.71	10,465.03	8%
Contract Payable	1,199,436.00	1,189,196.00	10,240.00	1%
224.00 - CUWCD Debt Payback	1,199,436.00	1,189,196.00	10,240.00	1%
Net Pension Liability	837,664.95	562,402.00	275,262.95	49%
254.10 - Net Pension Liability	837,664.95	562,402.00	275,262.95	49%
Total Non-Current Liabilities	*52,579,043.53*	*54,022,171.03*	*(1,443,127.50)*	*-3%*
TOTAL LIABILITIES	**60,447,987.37**	**59,209,117.37**	**1,238,870.00**	**2%**
DEFERRED INFLOWS OF RESOURCES				
Pension Related	9,227.65	9,420.00	(192.35)	-2%
254.20 - Deferred Inflows of Resources	9,227.65	9,420.00	(192.35)	-2%
TOTAL DEFERRED INFLOWS	**9,227.65**	**9,420.00**	**(192.35)**	**-2%**
NET POSITION				
Net Investment in Capital Assets	89,842,320.20	71,094,250.85	18,748,069.35	26%
Restricted for Capital Projects	4,280,941.64	4,832,156.60	(551,214.96)	-11%
131.30 - Impact Fee	20,289.89	69,177.18	(48,887.29)	-71%
136.20 - 2012 Debt Service Escrow	78,919.08	252,714.82	(173,795.74)	-69%
136.60 - 2019 Debt Service Escrow	461,954.26	385,811.80	76,142.46	20%
136.61 - 2023 Debt Service Escrow	1,050,826.79	698,923.03	351,903.76	50%
415.00 - Contributions in Aid	2,668,951.62	3,425,529.77	(756,578.15)	-22%
Unrestricted	(8,007,813.33)	(2,975,647.22)	(5,032,166.11)	169%
TOTAL NET POSITION	**86,115,448.51**	**72,950,760.23**	**13,164,688.28**	**18%**

HEBER LIGHT & POWER COMPANY

Statements of Revenues, Expenses, and Changes in Net Position

YTD - Periods Ended August 31, 2025 and 2024

	2024 Actual	2025 Actual	2025 Budget	Variance to Budget	% Variance
Operating Revenues:					
Electricity Sales	16,883,413.40	20,750,541.18	18,519,181.00	2,231,360.18	12.0%
Electricity Sales - Jordanelle	1,479,951.38	1,330,791.82	1,163,536.49	167,255.33	14.4%
Connection Fees	113,933.08	114,699.60	113,934.00	765.60	0.7%
Other Income	187,176.09	204,691.42	194,169.04	10,522.38	5.4%
Total Operating Revenues	*18,664,473.95*	*22,400,724.02*	*19,990,820.53*	*2,409,903.49*	*12.1%*
Operating Expenses:					
Power Purchases	(9,187,967.70)	(9,856,624.44)	(9,550,094.26)	(306,530.18)	3.2%
Power Purchases - Jordanelle	(1,479,951.38)	(1,284,221.58)	(1,163,536.49)	(120,685.09)	10.4%
Salaries, Wages and Benefits (Unallocated)	(887,509.59)	(1,064,801.30)	(949,079.69)	(115,721.61)	12.2%
System Maintenance and Training	(3,167,894.50)	(3,487,648.49)	(3,233,354.63)	(254,293.86)	7.9%
Depreciation (Unallocated)	(2,441,463.97)	(3,356,696.60)	(3,088,154.48)	(268,542.12)	8.7%
Gas Generaton	(2,031,218.27)	(1,362,686.88)	(2,206,379.70)	843,692.82	-38.2%
Other	(240,198.01)	(300,875.39)	(240,198.01)	(60,677.38)	25.3%
Vehicle	(338,934.28)	(438,021.28)	(338,934.28)	(99,087.00)	29.2%
Office	(96,293.24)	(97,078.66)	(110,788.06)	13,709.40	-12.4%
Energy Rebates	(43,786.51)	(86,840.99)	(114,895.00)	28,054.01	-24.4%
Professional Services	(142,655.15)	(225,439.87)	(154,155.15)	(71,284.72)	46.2%
Materials	(171,530.94)	(172,175.86)	(171,530.94)	(644.92)	0.4%
Building Expenses	(26,569.83)	(31,078.60)	(26,569.83)	(4,508.77)	17.0%
Bad Debts	-	-	-	-	0.0%
Total Operating Expenses	*(20,255,973.37)*	*(21,764,189.94)*	*(21,347,670.52)*	*(416,519.42)*	*2.0%*
Operating Income	**(1,591,499.42)**	**636,534.08**	**(1,356,849.99)**	**1,993,384.07**	**-146.9%**
Non-Operating Revenues(Expenses)					
Impact Fees	3,536,409.71	2,581,513.01	2,000,000.00	581,513.01	29.1%
Interest Income	1,071,037.08	603,476.35	320,000.00	283,476.35	88.6%
Gain(Loss) on Sale of Capital Assets	(17,600.10)	875,750.00	-	875,750.00	0.0%
Interest Expense	(1,125,237.83)	(1,091,600.62)	(1,125,237.83)	33,637.21	-3.0%
Total Non-Operating Revenues(Expenses)	*3,464,608.86*	*2,969,138.74*	*1,194,762.17*	*1,774,376.57*	*148.5%*
Contributions(Distributions):					
Contributed Capital	7,318,544.53	5,722,371.85	2,000,000.00	3,722,371.85	186.1%
Distribution to Owners	(75,000.00)	-	-	-	0.0%
Total Contributions(Distributions)	*7,243,544.53*	*5,722,371.85*	*2,000,000.00*	*3,722,371.85*	*186.1%*
Change in Net Position	9,116,653.97	9,328,044.67	1,837,912.18	7,490,132.49	407.5%
Net Position at Beginning of Year	55,073,749.50	63,758,612.26	63,758,612.26	-	0.0%
Net Position at End of Year	**64,190,403.47**	**73,086,656.93**	**65,596,524.44**	**7,490,132.49**	**11.4%**

HEBER LIGHT & POWER COMPANY

Statements of Revenues, Expenses, and Changes in Net Position

YTD - Periods Ended August 31, 2025 and 2024

	2024 Actual	2025 Actual	2025 Budget	Variance to Budget	% Variance
Operating Revenues:					
Electricity Sales	16,883,413.40	20,750,541.18	18,519,181.00	2,231,360.18	12.0%
440.00 - Electric - Residential Income	10,754,629.80	13,368,766.23	11,904,119.00	1,464,647.23	12.3%
442.00 - Electric - General Service Income	6,128,783.60	7,381,774.95	6,615,062.00	766,712.95	11.6%
Electricity Sales - Jordanelle	1,479,951.38	1,330,791.82	1,163,536.49	167,255.33	14.4%
445.00 - Jordanelle Power Sales	1,479,951.38	1,330,791.82	1,163,536.49	167,255.33	14.4%
Connection Fees	113,933.08	114,699.60	113,934.00	765.60	0.7%
414.20 - Connection Fee Income	113,933.08	114,699.60	113,934.00	765.60	0.7%
Other Income	187,176.09	204,691.42	194,169.04	10,522.38	5.4%
414.00 - Other Income	2,619.48	-	-	-	0.0%
414.10 - Pole Attachment Income	38,168.00	65,005.70	38,168.00	26,837.70	70.3%
414.30 - Penalty Income	38,070.17	44,813.31	47,682.60	(2,869.29)	-6.0%
417.00 - Revenues from Non-Utility Ops	6,185.47	6,107.94	6,185.47	(77.53)	-1.3%
418.00 - Non-Operating Rental Income	5,950.00	11,000.00	5,950.00	5,050.00	84.9%
445.10 - Jordanelle O&M	94,801.37	76,442.87	94,801.37	(18,358.50)	-19.4%
449.01 - Other Sales Clear Peaks	561.60	561.60	561.60	-	0.0%
451.10 - Meter Reading Charge	820.00	760.00	820.00	(60.00)	-7.3%
Total Operating Revenues	*18,664,473.95*	*22,400,724.02*	*19,990,820.53*	*2,409,903.49*	*12.1%*
Operating Expenses:					
Power Purchases	(9,187,967.70)	(9,856,624.44)	(9,550,094.26)	(306,530.18)	3.2%
555.00 - Power Purchases	(8,554,425.75)	(9,238,298.61)	(8,871,354.74)	(366,943.87)	4.1%
556.00 - System Control and Load Dispatch	(633,541.95)	(618,325.83)	(678,739.52)	60,413.69	-8.9%
Power Purchases - Jordanelle	(1,479,951.38)	(1,284,221.58)	(1,163,536.49)	(120,685.09)	10.4%
555.10 - Jordanelle Partner Energy	(1,479,951.38)	(1,284,221.58)	(1,163,536.49)	(120,685.09)	10.4%
Salaries, Wages and Benefits (Unallocated)	(887,509.59)	(1,064,801.30)	(949,079.69)	(115,721.61)	12.2%
908.00 - Customer Assistance Expenses	(145,284.77)	(106,467.07)	(155,591.78)	49,124.71	-31.6%
920.00 - Salaries Administrative	(725,637.00)	(937,695.15)	(776,900.09)	(160,795.06)	20.7%
920.10 - Paid Admistrative Leave	-	-	-	-	0.0%
926.00 - Employee Pension and Benefits	-	-	-	-	0.0%
926.10 - Post-Employment Benefits	(16,587.82)	(20,639.08)	(16,587.82)	(4,051.26)	24.4%
926.2 - FICA Benefits	-	-	-	-	0.0%
926.30 - Retirement	-	-	-	-	0.0%
926.40 - Actuarial Calculated Pension Expense	-	-	-	-	0.0%
System Maintenance and Training	(3,167,894.50)	(3,487,648.49)	(3,233,354.63)	(254,293.86)	7.9%
401.00 - Operations Expense	(307,178.74)	(375,174.01)	(307,178.74)	(67,995.27)	22.1%
401.20 - Training/Travel Expenses	(235,119.48)	(299,992.14)	(249,614.06)	(50,378.08)	20.2%
542.00 - Hydro Maintenance	(112,100.67)	(76,105.11)	(118,167.51)	42,062.40	-35.6%
586.00 - Meter Expenses	(34,875.84)	(35,922.08)	(34,875.84)	(1,046.24)	3.0%
591.00 - Maintenance of Lines	(1,708,291.91)	(1,539,056.00)	(1,713,344.02)	174,288.02	-10.2%
592.00 - Maintenance of Substations	(260,917.59)	(606,490.71)	(274,474.11)	(332,016.60)	121.0%
597.00 - Metering Maintenance	(201,765.02)	(212,347.71)	(215,431.22)	3,083.51	-1.4%
935.00 - Facilities Maintenance	(27,671.42)	(34,212.99)	(27,671.42)	(6,541.57)	23.6%
935.30 - IT Maintenance and Support	(279,973.83)	(308,347.74)	(292,597.71)	(15,750.03)	5.4%
Depreciation (Unallocated)	(2,441,463.97)	(3,356,696.60)	(3,088,154.48)	(268,542.12)	8.7%
403.00 - Depreciation Expense (unallocated)	(2,441,463.97)	(3,356,696.60)	(3,088,154.48)	(268,542.12)	8.7%
Gas Generaton	(2,031,218.27)	(1,362,686.88)	(2,206,379.70)	843,692.82	-38.2%
547.00 - Gas Generation Fuel Costs	(928,644.88)	(701,651.05)	(1,551,527.02)	849,875.97	-54.8%
548.00 - Generation Expenses	(1,102,573.39)	(660,939.05)	(654,852.68)	(6,086.37)	0.9%
548.10 - Generation Expenses - Generator	-	(96.78)	-	(96.78)	
Other	(240,198.01)	(300,875.39)	(240,198.01)	(60,677.38)	25.3%
426.40 - Community Relations	(21,244.18)	(42,704.67)	(21,244.18)	(21,460.49)	101.0%
903.23 - Collection Fee / Commissions	(2,070.14)	(3,091.43)	(2,070.14)	(1,021.29)	49.3%
910.00 - Misc Customer Related-Expenses	-	-	-	-	0.0%
921.40 - Bank & Credit Card Fees	(89,521.12)	(109,007.84)	(89,521.12)	(19,486.72)	21.8%
921.50 - Billing Statement Expenses	(102,468.91)	(106,588.44)	(102,468.91)	(4,119.53)	4.0%
930.20 - Miscellaneous Charges	(24,893.66)	(39,483.01)	(24,893.66)	(14,589.35)	58.6%
Vehicle	(338,934.28)	(438,021.28)	(338,934.28)	(99,087.00)	29.2%
935.20 - Vehicle Expenses	(338,934.28)	(438,021.28)	(338,934.28)	(99,087.00)	29.2%
Office	(96,293.24)	(97,078.66)	(110,788.06)	13,709.40	-12.4%
921.00 - Office Supplies	(12,076.58)	(8,307.40)	(26,571.40)	18,264.00	-68.7%
921.30 - Postage / Shipping Supplies	(1,844.77)	(1,480.33)	(1,844.77)	364.44	-19.8%
935.10 - Communications	(82,371.89)	(87,290.93)	(82,371.89)	(4,919.04)	6.0%
Energy Rebates	(43,786.51)	(86,840.99)	(114,895.00)	28,054.01	-24.4%
555.20 - Energy Rebates	(43,786.51)	(86,840.99)	(114,895.00)	28,054.01	-24.4%
Professional Services	(142,655.15)	(225,439.87)	(154,155.15)	(71,284.72)	46.2%
923.00 - Professional Services	(142,655.15)	(225,439.87)	(154,155.15)	(71,284.72)	46.2%

HEBER LIGHT & POWER COMPANY

Statements of Revenues, Expenses, and Changes in Net Position

YTD - Periods Ended August 31, 2025 and 2024

	2024 Actual	2025 Actual	2025 Budget	Variance to Budget	% Variance
Materials	(171,530.94)	(172,175.86)	(171,530.94)	(644.92)	0.4%
402.00 - Materials	(591.79)	(545.93)	(591.79)	45.86	-7.7%
402.10 - Safety Materials	(120,711.18)	(119,013.02)	(120,711.18)	1,698.16	-1.4%
402.20 - Materials - Tools	(50,227.97)	(52,616.91)	(50,227.97)	(2,388.94)	4.8%
Building Expenses	(26,569.83)	(31,078.60)	(26,569.83)	(4,508.77)	17.0%
401.10 - Building Expenses	(26,569.83)	(31,078.60)	(26,569.83)	(4,508.77)	17.0%
Bad Debts	-	-	-	-	0.0%
	-	-	-	-	0.0%
Total Operating Expenses	*(20,255,973.37)*	*(21,764,189.94)*	*(21,347,670.52)*	*(416,519.42)*	*2.0%*
Operating Income	**(1,591,499.42)**	**636,534.08**	**(1,356,849.99)**	**1,993,384.07**	**-146.9%**
Non-Operating Revenues(Expenses)					
Impact Fees	3,536,409.71	2,581,513.01	2,000,000.00	581,513.01	29.1%
Interest Income	1,071,037.08	603,476.35	320,000.00	283,476.35	88.6%
Gain(Loss) on Sale of Capital Assets	(17,600.10)	875,750.00	-	875,750.00	0.0%
Interest Expense	(1,125,237.83)	(1,091,600.62)	(1,125,237.83)	33,637.21	-3.0%
Total Non-Operating Revenues(Expenses)	*3,464,608.86*	*2,969,138.74*	*1,194,762.17*	*1,774,376.57*	*148.5%*
Contributions(Distributions):					
Contributed Capital	7,318,544.53	5,722,371.85	2,000,000.00	3,722,371.85	186.1%
Distribution to Owners	(75,000.00)	-	-	-	0.0%
Total Contributions(Distributions)	*7,243,544.53*	*5,722,371.85*	*2,000,000.00*	*3,722,371.85*	*186.1%*
Change in Net Position	9,116,653.97	9,328,044.67	1,837,912.18	7,490,132.49	407.5%
Net Position at Beginning of Year	55,073,749.50	63,758,612.26	63,758,612.26	-	0.0%
Net Position at End of Year	**64,190,403.47**	**73,086,656.93**	**65,596,524.44**	**7,490,132.49**	**11.4%**

August - 2025 - HLP Investment/Banking Summary

Investment Statement

Holding	Purpose	07/31 Balance	Activity	Interest	08/31 Balance
PTIF	Reserve Account	12,401,101	(1,982,930)	45,378	10,463,549
Zions - General	Main Operations	1,340,790	(302,912)	2,168	1,040,045
Grand Valley Bank	Equipment Reserve Account	741,181	10,000	1,074	752,255
		14,483,071	**(2,275,842)**	**48,619**	**12,255,849**
Restricted Holdings					
Zions - Impact Fee	Impact Capital Improvements	13,544	6,689	57	20,290
PTIF - CIAC	CIAC Projects	2,591,107	-	9,828	2,600,935
2019 Bond	Project Fund	(0)	-	-	(0)
2012 Bond Escrow	Debt Payment	70,018	8,667	234	78,919
2019 Bond Escrow	Debt Payment	369,823	91,063	1,069	461,954
2023 Bond	Project Fund	25,869	-	98	25,967
2023 Bond Escrow	Debt Payment	872,690	176,750	1,388	1,050,827
					4,238,892
				Total Cash and Investments:	**16,494,741**

Summary of Activity

- PTIF account had standard monthly interest activity, August generator reimbursement.
- General fund seen typical August expenditures and revenues, AP Aging has $2,507K owed.
- Impact Fee August payments, and interest.
- Grand Valley Bank interest earned, and August fleet deposit.
- Project accounts had standard monthly interest activity, transfers out as shown above.

Heber Light Power 2025 Approved Capital Budget vs Actual

In Thousands

Data as of: **08/31/2025**

Projects Capitalized (Completed and In-Service)	2025 Budget Total	2025 Actual Total	Prior Years Actual Total	Future Estimate Total	Total Project Estimates	Total Project Actuals	Actual Start	Actual Finish
Generation (GL: 344.00)								
10042 - Units 1,2 and 4 Radiator Replacements	-	469			469	469	Oct-2022	Feb-2025
10052 - Unit 4 Rebuild	-	728			728	728	Oct-2023	Feb-2025
10063 - Plant 3 Compressor Change	-	35			35	35	May-2024	Feb-2025
10069 - Generation Plant Tool Room Adjustments	-	19			19	19	Dec-2024	Feb-2025
10813 - Plant Exhaust Stack DAQ Compliance	-	952			952	952	Jan-2021	Feb-2025
10909 - Unit 14 Install	-	351			351	351	Jul-2022	Feb-2025
	-	*2,554*			*2,554*	*2,554*		
Lines (GL: 361.00)								
CIAC Driven Projects	3,000	3,815			3,000	3,815	Jan-2025	Dec-2025
	3,000	*3,815*			*3,000*	*3,815*		
Substation (GL: 362.00)								
10065 - Midway Recloser Replacement	-	33			-	33	Aug-2024	Feb-2025
	-	*33*			*-*	33		
Buildings (GL: 390.00)								
	-	-			-	-		
Vehicle (GL: 392.00)								
Line/Bucket Truck	600	549			600	549	Jan-2025	Jan-2025
Fleet Vehicle	100	91			100	91	Apr-25	Apr-25
	-	-			-	-		
Machinery, Equipment, & Tools (GL:394.00)								
Underground Puller	250	243			250	243	Mar-2025	Mar-2025
Drone	50	15			50	15	Apr-2025	Apr-2025
Fleet Shop Setup	-	73			-	73	Aug-25	Dec-25
Tilt Deck Trailer	40	15			40	15	Aug-25	Aug-25
Turret Trailer	150	149			150	149	Jun-2025	Jun-2025
	490	*495*			*490*	*495*		
Tech/Office Equipment (GL: 397.00)								
10070 - 2024 Meraki Switches	-	56			56	56	Jun-24	May-25
2025 Computer Deployments	75	62			62	62	Jan-24	Dec-25
Radio Repeater	-	4			4	4	Aug-25	Aug-25
	75	*122*			*122*	*122*		
Metering (GL: 370.00)								
	-	-			-	-		
2025 Capital Plan Totals:	***3,490***	***6,897***			***6,044***	***6,897***		

Projects - Construction Work in Progress (CWIP)	2025 Budget Total	2025 Actual Total	Prior Years Actual Total	Future Estimate Total	Total Project Estimates	Total Project Actuals	Est. Start	Est. Finish
Generation (GL: 344.00)								
~ Annual Generation Capital Improvements	50	-	-	-	50	-	as needed	as needed
~ Lower Snake Creek Plant Upgrade	5	-	-	-	5	-	as needed	as needed
~ Lake Creek Capital Improvements	5	-	-	-	5	-	as needed	as needed
~ Unit Overhauls	200	-	-	-	200	-	as needed	as needed
~ Gas Plant 2 Relay Upgrade	700	-	-	-	700	-	June	July
~ Upper Snake Creek Capital Improvements	25	-	-	-	25	-	July	August
~ Plant Hydraulics System Upgrade	50	-	-	-	50	-	Fall-22	Dec-2025
◦ Plant 1 Replacement (10047)	7,000	50	3	13,000	20,003	53	Jan-2024	Dec-2026
	8,035	*50*	*3*	*13,000*	*21,038*	*53*		
Lines (GL: 361.00)								
~ Underground System Improvements (5225)	275	66	-	-	1,000	66	Jan-2025	Dec-2025
~ Aged & Environmental Distribution Replacement/Upgrade (5025, 5125)	220	208	-	-	1,000	208	Jan-2025	Dec-2025
~ Fault Indicator - Underground System	10	-	-	-	100	-	Jan-2025	Dec-2025
◊ Annexation Asset Purchase	25	-	-	-	250	-	Jan-2025	Dec-2025
~ ROW Purchases (10029, 10060)	1,000	-	9	800	1,800	9	Nov-2024	Apr-2025
◊ Tie line from 305 to 402 to 303 (10988)	350	-	-	-	350	-	Jun-2025	Dec-2025
◊ Rebuild PR201_Main Street to Burgi Lane	700	-	-	-	1,471	-	Jun-2023	Oct-2025
~ Fire Mitigation - Single Phase Reclosers	45	-	-	100	145	-	as needed	as needed
◊ Provo River Substation Get Aways Reconnect to New Site (39944, 47210, 47211)	1,200	701	22	750	2,300	723	Jul-2024	Oct-2025
◊ Additional Circuits out of College to South and East	204	-	-	1,350	1,554	-	May-2024	Jul-2025
◊ College to Heber Circuit Network Upgrades	250	-	-	750	1,000	-	Jul-2024	Dec-2025
◊ Tie 502 to 505 (10994)	200	-	-	200	400	-	Apr-21	Dec-2025
◊ Airport Road Rebuild & Loop (10992)	800	14	-	-	800	14	Nov-2024	Aug-2025
◊ Reconductor Jailhouse to Timber Lakes (Regulators)	15	-	-	1,000	1,015	-	Oct-2025	Sep-2026
	5,294	*989*	*31*	*4,950*	*13,185*	*1,020*		
Substation (GL: 362.00)								
~ Replacement Recloser for Joslyn Reclosers	25	-	-	-	25	-	as needed	as needed
◦ Gas Plant 2 XFMR Upgrade and Substation Rebuild	2,000	-	-	3,720	5,720	-	Mar-2024	Oct-2026
~ Heber Relay Upgrade	30	-	-	35	65	-	Jul-2024	Oct-2025
~ Jailhouse Fence Replacement	129	-	-	-	129	-	Mar-2024	Nov-2025
~ Cloyes Relay Upgrade	36	-	-	-	36	-	Jun-2024	Oct-2025
◦ Midway Substation - High Side Rebuild & 138kV Conversion	100	-	-	5,400	5,500	-	Mar-2025	Sep-2027
~ Gas Plant 1 Interconnection to Heber Substation	200	-	-	500	700	-	Aug-2025	Dec-2027
◦ Daniels Canyon Substation (WO 10024)	500	1	74	15,272	15,846	75	Mar-2025	Dec-2030
	3,020	*1*	*74*	*24,927*	*28,021*	*75*		

Heber Light Power 2025 Approved Capital Budget vs Actual

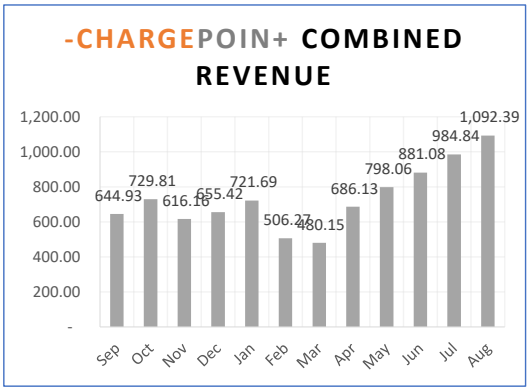
In Thousands

Data as of: **08/31/2025**	2025 Budget Total	2025 Actual Total	Prior Years Actual Total	Future Estimate Total	Total Project Estimates	Total Project Actuals	Actual Start	Actual Finish
Projects Capitalized (Completed and In-Service)								
Buildings (GL: 390.00)								
* New Office Building - Phase 1 (Building) (10677)	11,188	8,022	7,145	-	18,251	15,167	Jan-2020	Sep-2025
~ EV Charging System (48417)	231	-	-	-	231	-	Mar-2024	Sep-2025
~ Plant Analysis Fallouts	140	-	-	-	140	-	Sep-2025	Dec-2025
~ Generator Fire Suppression System	1,150	-	-	-	2,676	-	Apr-2025	Nov-2025
~ College Substation Perimeter Xeroscaping	10	-	-	-	10	-	May-2025	May-2025
◦ New Office Building - Phase 2 (Current Campus Modifications)	750	-	-	300	1,050	-	Oct-2025	Oct-2026
~ New Communications Building	200	-	-	-	200	-	Apr-2025	Jun-2025
~ Plant 2/3 Wiring Upgrade	25	-	-	-	25	-	Jul-2025	Sep-2025
~ Tool Room Relocation	35	-	-	-	35	-	Feb-2025	Apr-2025
	13,729	*8,022*	*7,145*	*300*	*22,618*	*15,167*		
Vehicle (GL: 392.00)								
~ Line/Bucket Truck	-	-	-	1,500	1,500	-	as needed	as needed
~ Service Truck	-	-	-	2,660	2,660	-	as needed	as needed
~ Fleet Vehicle	-	-	-	1,260	1,260	-	as needed	as needed
~ Trailer	-	-	-	-	-	-	as needed	as needed
	-	-	-	*5,420*	*5,420*	-		
Machinery, Equipment, & Tools (GL:394.00)								
~ Substations	10	-	-	60	70	-	as needed	as needed
~ Distribution	425	26		-	425	26	as needed	as needed
~ Generation	75	26	-	-	75	26	as needed	as needed
	510	*52*	-	*60*	*570*	*52*		
Systems & Technology (GL: 397.00)								
~ Annual IT Upgrades	135	51	-	615	750	51	as needed	as needed
~ Annual OT Upgrades	180	-	-	990	1,170	-	as needed	as needed
~ Smart Grid Investment	10	-	-	90	100	-	as needed	as needed
~ AMI Tower - North Village	-	-	-	140	140	-	as needed	as needed
	325	*51*	-	*1,835*	*2,160*	*51*		
2025 Capital Plan Totals:	**30,913**	**9,165**		***HLP Total Capital Plan***	**93,012**	**16,418**		
August Costs:		*1,521*						
Total 2025 Costs:		*9,165*						

Financing Approach

~ HLP Operational/Reserve Funds
* 2023 Bond
◦ 2026 Bond
◊ Impact Fee
** Project Completed

EV Charger Analytics
as of 08/31/2025

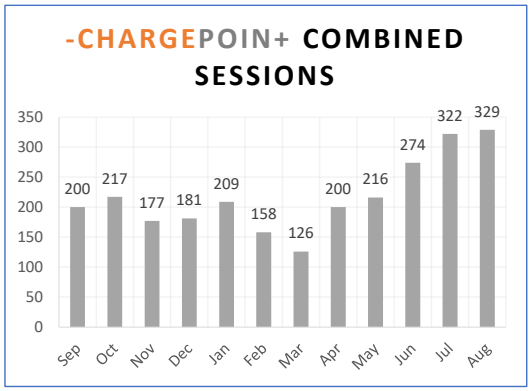


Wasatch High School

	kWh	Sessions	Rev
Sep	679.617	42	104.43
Oct	770.642	37	115.61
Nov	304.071	24	45.63
Dec	511.425	24	76.72
Jan	569.851	28	85.47
Feb	421.368	23	54.28
Mar	539.477	18	75.27
Apr	734.580	35	115.83
May	627.651	37	100.81
Jun	740.900	37	112.21
Jul	894.566	36	151.42
Aug	1,082.700	32	174.71

Soldier Hollow Golf Course

	kWh	Sessions	Rev
Sep	453.600	24	68.03
Oct	468.720	28	70.33
Nov	245.840	15	36.87
Dec	393.892	16	59.08
Jan	327.359	27	49.10
Feb	44.131	4	6.63
Mar	211.859	12	31.79
Apr	349.942	6	52.48
May	735.416	36	118.16
Jun	1,093.050	57	126.11
Jul	745.378	54	114.12
Aug	981.639	57	157.46

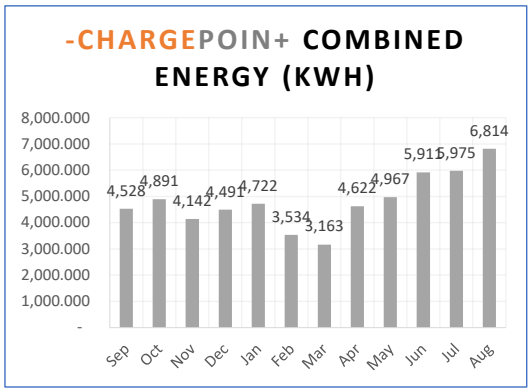


Public Safety Building

	kWh	Sessions	Rev
Sep	-	1	-
Oct	162.004	17	24.30
Nov	370.675	20	55.60
Dec	764.137	25	103.17
Jan	841.051	31	138.62
Feb	823.870	39	120.11
Mar	449.848	20	71.63
Apr	1,014.108	54	152.09
May	560.928	30	90.50
Jun	819.865	40	112.86
Jul	766.358	41	124.76
Aug	1,429.782	62	232.18

Midway City Offices

	kWh	Sessions	Rev
Sep	2,041.048	64	306.15
Oct	2,302.279	67	345.13
Nov	2,643.115	73	390.78
Dec	2,055.082	65	314.67
Jan	2,081.214	73	313.10
Feb	1,884.979	64	271.23
Mar	1,471.870	52	227.99
Apr	1,259.835	50	189.01
May	1,432.655	53	225.11
Jun	1,982.736	77	314.16
Jul	1,930.997	109	331.50
Aug	1,095.051	68	178.42



Heber City Offices

	kWh	Sessions	Rev
Sep	1,169.534	50	133.91
Oct	878.823	45	128.15
Nov	460.274	25	69.57
Dec	713.991	42	93.89
Jan	816.206	34	122.44
Feb	305.823	21	45.87
Mar	479.398	22	71.92
Apr	1,189.060	51	165.49
May	1,467.972	54	240.46
Jun	893.917	33	154.32
Jul	955.589	42	153.45
Aug	1,522.725	71	236.42

Wasatch County Offices

	kWh	Sessions	Rev
Sep	184.173	19	32.41
Oct	308.468	23	46.29
Nov	118.086	20	17.71
Dec	52.593	9	7.89
Jan	86.388	16	12.96
Feb	54.266	7	8.15
Mar	10.317	2	1.55
Apr	74.885	4	11.23
May	142.728	6	23.02
Jun	380.968	30	61.42
Jul	682.309	40	109.59
Aug	701.922	39	113.20

Prepaid Expenses Activity
as of 08/31/2025

Account Activity

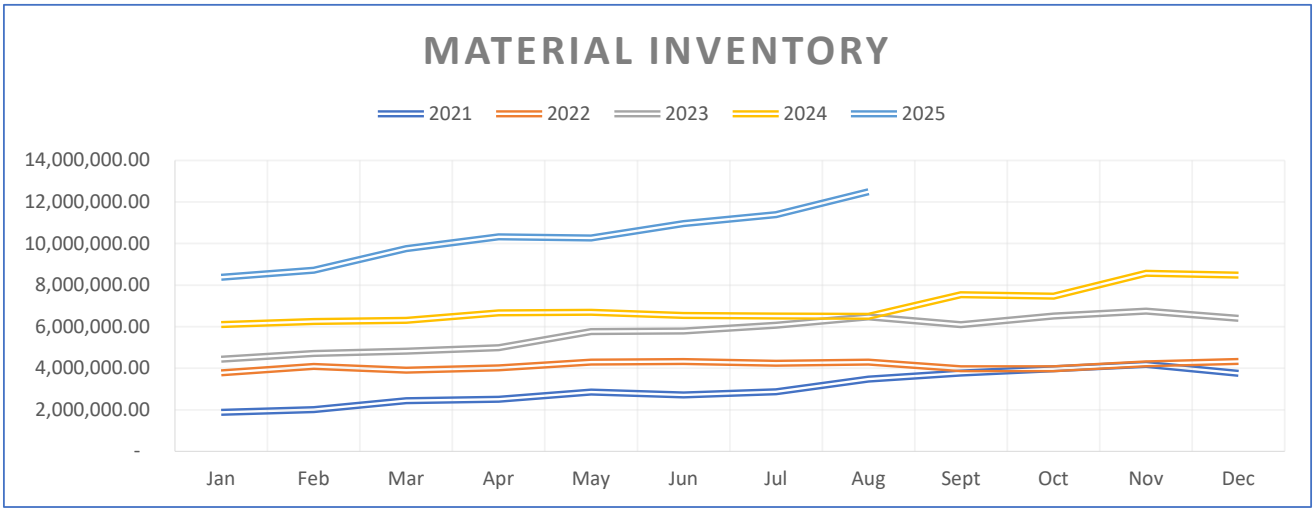
Beginning Balance:		*411,822.83*
New Prepaid Amounts	521,438.20	
Prepaid Xfers Out (Jan-Aug)	(385,130.36)	
Change in Balance:	**136,307.84**	
Ending Balance:		*548,130.67*

New Prepaids

January	-
February	-
March	
Workers Compensation Premium	48,103.00
Workers Compensation Insurance	12,025.75
ESRI - Mapping Solutions	29,000.00
VLCM - Sophos Subscription	33,457.45
April	
Insurance Renewal	392,102.00
May	
Mini-X Rental	6,750.00
Workers Compensation	-
June	-
July	-
Aug	-
Sept	
Backhoe Lease	-
SENSUS	
Oct	
Skid Steer Rental	-
Nov	
Dec	
January Bond Payments	-

Inventory
as of 08/31/2025

	2021	2022	2023	2024	2025	
Jan	1,876,937.53	3,778,430.67	4,434,649.84	6,102,193.05	8,377,762.27	
Feb	2,012,415.24	4,081,982.79	4,711,361.66	6,251,147.37	8,719,990.73	
Mar	2,442,873.61	3,902,076.95	4,815,227.19	6,300,846.55	9,749,303.57	
Apr	2,506,042.19	4,020,050.79	4,986,992.59	6,660,776.38	10,323,609.56	
May	2,859,551.36	4,294,115.02	5,767,761.70	6,687,504.16	10,267,379.62	
Jun	2,717,905.59	4,317,016.55	5,787,929.69	6,537,416.12	10,955,387.87	
Jul	2,868,558.09	4,241,175.30	6,063,140.93	6,518,408.24	11,387,225.35	
Aug	3,480,918.77	4,288,987.67	6,467,051.69	6,503,028.42	12,495,177.66	**
Sept	3,771,207.98	3,971,466.47	6,089,668.24	7,539,567.55		
Oct	3,973,984.50	3,973,358.34	6,511,174.81	7,471,624.20		
Nov	4,183,177.91	4,217,668.66	6,748,276.42	8,569,672.52		
Dec	3,757,131.63	4,326,309.61	6,406,955.09	8,484,856.46		



**

7,247,203.04	Reserved for CIAC Projects
1,047,659.89	Reserved for HLP Capital Projects
4,200,314.73	Ready Stores for OMAG Purposes

Open Miscellaneous Receivable Invoices
as of 08/31/2025

Customer	Purpose	Period	Amount
Brian Myers	Damage Claim	Jun-24	3,137.36
Farm Bureau Property	Damage Claim	Aug-24	1,360.00
Lythgoe Design Group	Antenna Pole Correction	Sep-24	19,582.50
Torres Underground	Damage Claim	Nov-24	17,917.64
Hadco Construction	Damage Claim	Nov-24	3,803.55
All West Communication	Damage Claim	Dec-24	40,306.44
Progressive Insurance	Damage Claim	Feb-25	2,352.81
MC Contractors	Damage Claim	Feb-25	5,037.13
Staker Parsons Co.	Damage Claim	Jun-25	4,765.76
OK3 Air	Damage Claim	Jun-25	5,084.22
Viking Insurance	Damage Claim	Jul-25	2,791.11
Centurylink	Pole Attachment	Aug-25	24,050.00
Edgewood Capital LLC	Transformer Relocation	Aug-25	1,888.77
			132,077.29

August - 2025 _ Actual versus Estimate

Work Order	Project Description	Open Date	Closed Date	Actual Costs	Estimate	CIAC	Network Upgrade
32152 - RL Phases 4A and 4B	Line Extension	2/2/2022	8/31/2025	713,129.20	818,778.20	(819,504.43)	-
43574 - Christensen Farms PH 2	Line Extension	2/8/2024	8/31/2025	555,919.20	426,018.06	(426,627.91)	129,291.29
46664 - 394 Waters Edge 400 amp service	Service Upgrade	7/16/2024	8/31/2025	2,719.77	3,300.12	(2,168.82)	550.95
49001 - Midway Community Center Upgrade	Service Upgrade	11/12/2024	8/31/2025	11,547.43	17,640.20	(24,384.20)	-
51502 - Coyote Springs Park 1638 N Ostler Peak R	Line Extension	4/15/2025	8/31/2025	3,066.19	3,318.97	(3,627.96)	-

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	General Ledger Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
Invoice				GL Reference							
2765	8/1/25	WIRE	121	AFLAC							220.20
648081				AFLAC Withholdings	0	926.0	1	12		220.20	
2766	8/1/25	WIRE	451	GUARDIAN							2,912.90
GUARD 0825				August 2025 Accident Insurance Premium	0	926.0	1	12		2,912.90	
2767	8/1/25	WIRE	1185	THE STANDARD INSURANCE COMPAN							3,801.41
1733630001 AUG25				August 2025 LTD Premium	0	926.0	0	12		3,801.41	
2775	8/1/25	WIRE	1294	ALLIED ADMINISTRATORS FOR DELTA							3,760.87
AUG2025 DENTAL				Dental Coverage for August 2025	0	926.0	1	12		3,760.87	
2780	8/1/25	WIRE	268	BRENDA CHRISTENSEN							475.32
AUG25 STIPEND				August 2025 HLP Board Stipend	0	920.0	1	180		475.32	
2781	8/4/25	WIRE	406	FASTENAL COMPANY							20.22
UTLIN183762				Vending Machine issuances	0	542.0	8	420		6.73	
				Vending Machine issuances	0	556.0	5	420		3.36	
				Vending Machine issuances	0	591.0	2	420		10.13	
									Total for Check/Tran - 2781:		20.22
2782	8/1/25	WIRE	1322	HEALTH EQUITY							71.40
AUG25 ADMIN FEE				Aug Admin Fee	0	926.0	1	12		71.40	
2783	8/7/25	WIRE	276	CIMA ENERGY, LP							57,862.07
0725-398256-1				July Natural Gas Purchases	0	547.0	4	140		57,862.07	
2784	8/7/25	WIRE	558	UNITED STATES TREASURY							58,198.78
20250806120314001				PL Federal Withholding-Married	0	241.1	0	0		10,754.88	
				PL Federal Withholding-Single	0	241.1	0	0		12,890.56	
				PL Medicare-Employee	0	926.2	1	0		3,274.65	
				PL Medicare-Employer	0	926.2	1	0		3,274.65	
				PL Social Security-Employee	0	926.2	1	0		14,002.02	
				PL Social Security-Employer	0	926.2	1	0		14,002.02	
									Total for Check/Tran - 2784:		58,198.78

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	General Ledger Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
2785	8/7/25	WIRE	1322	HEALTH EQUITY							3,653.29
20250806120314002				PL Employee HSA Contributions	0	243.0	0	0		3,653.29	
2786	8/7/25	WIRE	1065	UTAH STATE RETIREMENT							48,231.86
20250806120314003				PL Employee 401k Deferral	0	242.4	0	0		5,293.76	
				PL Employee 457 Deferral	0	242.4	0	0		1,216.99	
				PL Employee Roth IRA Deferrals	0	242.4	0	0		1,585.00	
				PL URS Tier 2 Hybrid Employee Contributi	0	926.3	0	0		726.62	
				PL URS Employer 401k Contribution	0	926.3	1	12		3,725.54	
				PL URS Tier 1	0	926.3	1	12		17,804.15	
				PL URS Tier 2 Fund 111	0	926.3	1	12		12,729.23	
				PL URS Tier 2 Fund 211 DC	0	926.3	1	12		2,285.44	
				PL URS Tier 2 Fund 211 DC addtl	0	926.3	1	12		957.59	
				PL URS Loan Repayment	0	930.2	1	0		1,907.54	
										Total for Check/Tran - 2786:	48,231.86
2787	8/8/25	WIRE	406	FASTENAL COMPANY							21.20
UTLIN183867				Vending Machine Issuances	0	548.0	4	420		3.52	
				Vending Machine Issuances	0	591.0	2	420		17.68	
										Total for Check/Tran - 2787:	21.20
2789	8/21/25	WIRE	965	STATE TAX COMMISSION-W/H							19,101.93
JUL25 WH				July 2025 State Payroll Witholding	0	241.2	0	460		19,101.93	
2790	8/21/25	WIRE	558	UNITED STATES TREASURY							57,446.30
20250820150518001				PL Federal Withholding-Married	0	241.1	0	0		10,288.06	
				PL Federal Withholding-Single	0	241.1	0	0		12,962.80	
				PL Medicare-Employee	0	926.2	1	0		3,240.78	
				PL Medicare-Employer	0	926.2	1	0		3,240.78	
				PL Social Security-Employee	0	926.2	1	0		13,856.94	
				PL Social Security-Employer	0	926.2	1	0		13,856.94	
										Total for Check/Tran - 2790:	57,446.30
2795	8/21/25	WIRE	1322	HEALTH EQUITY							3,653.29
20250820150518002				PL Employee HSA Contributions	0	243.0	0	0		3,653.29	
2796	8/21/25	WIRE	1065	UTAH STATE RETIREMENT							47,910.55

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
20250820150518003				PL Employee 401k Deferral	0	242.4	0	0		5,113.60	
				PL Employee 457 Deferral	0	242.4	0	0		1,212.33	
				PL Employee Roth IRA Deferrals	0	242.4	0	0		1,610.00	
				PL URS Tier 2 Hybrid Employee Contributi	0	926.3	0	0		725.90	
				PL URS Employer 401k Contribution	0	926.3	1	12		3,694.56	
				PL URS Tier 1	0	926.3	1	12		17,708.25	
				PL URS Tier 2 Fund 111	0	926.3	1	12		12,716.81	
				PL URS Tier 2 Fund 211 DC	0	926.3	1	12		2,270.31	
				PL URS Tier 2 Fund 211 DC addtl	0	926.3	1	12		951.25	
				PL URS Loan Repayment	0	930.2	1	0		1,907.54	
										Total for Check/Tran - 2796:	47,910.55
2797	8/27/25	WIRE	964	STATE TAX COMMISSION-SALES							135,690.09
JUL2025SALESTAX				July Sales Tax Submission	0	241.0	0	316		135,690.09	
2798	8/19/25	WIRE	406	FASTENAL COMPANY							118.54
UTLIN183970				Vending Machine Issuances	0	402.1	2	420		49.69	
				Vending Machine Issuances	0	402.1	3	420		26.62	
				Vending Machine Issuances	0	402.1	5	420		3.93	
				Vending Machine Issuances	0	591.0	2	420		38.30	
										Total for Check/Tran - 2798:	118.54
2799	8/22/25	WIRE	406	FASTENAL COMPANY							560.88
UTLIN183876				Vending Machine Issuances	0	402.2	1	420		64.61	
				Vending Machine Issuances	0	402.2	2	420		64.61	
				Vending Machine Issuances	0	542.0	8	420		41.65	
				Vending Machine Issuances	0	556.0	5	420		108.32	
				Vending Machine Issuances	0	591.0	2	420		251.81	
				Vending Machine Issuances	0	592.0	3	420		9.99	
				Vending Machine Issuances	0	921.0	1	420		19.89	
										Total for Check/Tran - 2799:	560.88
2800	8/22/25	WIRE	406	FASTENAL COMPANY							741.19
UTLIN184057				Battery cart casters	0	107.0	0	235		741.19	
2801	8/22/25	WIRE	406	FASTENAL COMPANY							146.75
UTLIN184072				Vending Machine Issuances	0	402.1	2	420		63.54	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Invoice	GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
						Vending Machine Issuances	0	402.1	3	420		4.87	
						Vending Machine Issuances	0	591.0	2	420		15.43	
						Vending Machine Issuances	0	592.0	3	420		8.32	
						Vending Machine Issuances	0	921.0	1	420		54.59	
												Total for Check/Tran - 2801:	146.75
2804	8/31/25	WIRE	760	ZIONS CREDIT CARD ACCT									20,238.86
					AUG 2025	New Bldg camera/security equipment	0	107.0	0	235		3,276.80	
						Unit 4 battery boxes	0	107.0	0	235		334.00	
						ApplicantPro Semi-annual membership	0	401.0	1	200		354.92	
						SHRM membership	0	401.0	1	200		151.25	
						Asset Tracker Subscription	0	401.0	3	374		34.95	
						July Recyclops	0	401.1	1	295		120.00	
						UAMPS Annual Conf Patricio H	0	401.2	1	10		796.97	
						UAMPS Annual Conf Patricio H	0	401.2	1	185		366.50	
						UAMPS Conf Hotel B Miller	0	401.2	1	185		328.47	
						UAMPS Annual Conf Airport parking Miller	0	401.2	1	415		36.00	
						UAMPS Annual Conf Rental car Miller	0	401.2	1	415		471.29	
						UAMPS Annual Conf Uber Miller	0	401.2	1	415		8.34	
						UAMPS Annual Conf airport parking Hernan	0	401.2	1	415		40.00	
						UAMPS Conf Rental Car Patricio	0	401.2	1	415		265.15	
						Prepaid parking for MIC conf	0	401.2	2	415		115.44	
						NWPPA SPCC registration Chelsea M	0	401.2	5	390		595.00	
						2026 Safety coins	0	402.1	1	315		372.06	
						FR Clothing Jeremy Motley	0	402.1	2	125		525.55	
						probe for Upper Snake Creek	0	542.0	8	235		132.95	
						Plotter batteries	0	591.0	2	187		706.44	
						4T Transformer oil samples	0	592.0	3	220		545.00	
						Office Stamps	0	921.0	1	370		62.28	
						stamps for office	0	921.0	1	370		1,562.75	
						Atomic Habits Books	0	930.2	1	410		228.32	
						Costco Delivery	0	930.2	1	410		747.84	
						Funeral Flowers for Andrews mom	0	930.2	1	410		169.53	
						Office snacks	0	930.2	1	410		6.18	
						Trash bags	0	935.0	1	375		110.94	
						Amazon Web Services	0	935.1	6	175		44.69	
						AT&T Firstnet payment	0	935.1	6	245		3,969.49	
						Allwest August payment	0	935.1	6	245		1,154.32	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
				Tie downs for trucks	0	935.2	4	235		181.79	
				Colby phone replacement	0	935.3	6	105		1,477.00	
				Flash Drives	0	935.3	6	235		388.15	
				Keeper Security	0	935.3	6	330		358.50	
				Addigy monthly subscription	0	935.3	6	374		200.00	
										Total for Check/Tran - 2804:	20,238.86
2807	8/29/25	WIRE	406	FASTENAL COMPANY							241.58
UTLIN184105				Vending Machine Issuances	0	402.1	2	420		104.26	
				Vending Machine Issuances	0	402.1	3	420		3.79	
				Vending Machine Issuances	0	402.2	1	420		64.72	
				Vending Machine Issuances	0	592.0	3	420		68.81	
										Total for Check/Tran - 2807:	241.58
69146	8/1/25	CHK	1	DAVIS DISTRIBUTING I ASCENT DIESE							5,082.95
57952				Truck 267 HD Topsider, W/flip up door	0	935.2	4	235		1,016.59	
				Truck 280 HD Topsider, W/flip up door	0	935.2	4	235		2,033.18	
				Truck 281 HD Topsider, W/flip up door	0	935.2	4	235		2,033.18	
										Total for Check/Tran - 69146:	5,082.95
69147	8/1/25	CHK	1	HUNTER MECHANICAL INSULATION							6,878.00
510				Generator Exhaust Insulation	0	107.0	0	47		6,878.00	
69148	8/1/25	CHK	1	KILLOWEN CONSTRUCTION							6,310.00
IMPACTFEE REFUND0725				200 amp refund from 600-400 amp service	0	131.3	0	0		6,310.00	
69149	8/1/25	CHK	11	VESTIS							363.88
4583493112				Coverall Rental	0	402.1	4	125		90.97	
4583495520				Coverall Rental	0	402.1	4	125		90.97	
4583498830				Coverall Rental	0	402.1	4	125		90.97	
4583501925				Coverall Rental	0	402.1	4	125		90.97	
										Total for Check/Tran - 69149:	363.88
69150	8/1/25	CHK	62	JEREMY MOTLEY							198.78
BOOT REIMB 2025				Boot reimbursment	0	402.1	2	20		198.78	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69151	8/1/25	CHK	140	ALTEC IND							1,715.65
13078773				Truck 280	0	935.2	4	235		371.97	
				Truck 281	0	935.2	4	235		371.98	
13079365				Truck 280	0	935.2	4	235		485.85	
				Truck 281	0	935.2	4	235		485.85	
										Total for Check/Tran - 69151:	1,715.65
69152	8/1/25	CHK	216	JAN-PRO OF UTAH - MIDVALE							1,709.00
353613				Janitorial Service for August 2025	0	401.1	1	30		1,709.00	
69153	8/1/25	CHK	261	CENTURYLINK							128.85
333474355JUL25				July-2025 Landline Phone Service	0	935.1	6	245		128.85	
69154	8/1/25	CHK	349	DILLON TOYOTA-LIFT							772.83
25087182				cushion seats for Forklift	0	935.2	4	187		772.83	
69155	8/1/25	CHK	644	US BANK NATIONAL ASSOCIATION							343,357.97
51950				June - 2023 Bond Payment	0	136.61	0	18		166,607.97	
51951				July - 2023 Bond Payment	0	136.61	0	18		176,750.00	
										Total for Check/Tran - 69155:	343,357.97
69156	8/1/25	CHK	734	MOUNTAINLAND ONE STOP							34.07
160523				Forklift propane	0	935.2	4	130		34.07	
69157	8/1/25	CHK	736	PROTELESIS CORPORATION							1,285.59
XTLQ51822				ProCloud MiVoice Connect maintenance	0	935.1	6	245		1,285.59	
69158	8/1/25	CHK	740	IRBY CO.							229,395.00
S014308653.001				ANDAX TCB-2434-OB	0	402.0	2	0		228.00	
S014117939.012				PO Material received	0	154.0	0	0		2,910.00	
S014306332.001				PO Material received	0	154.0	0	0		2,097.00	
S014142597.010				PO Material received	0	154.0	0	0		55,500.00	
S014130350.010				PO Material received	0	154.0	0	0		6,580.00	
S014224927.001				HPS PSC4033810 MRVI KIT OVERHEAD AND URD	0	402.2	2	155		2,650.00	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / Invoice	GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
				S014114321.005	PO Material received	0	154.0	0	0		7,275.00	
				S014138975.004	PO Material received	0	154.0	0	0		37,000.00	
				S014138975.003	PO Material received	0	154.0	0	0		74,000.00	
				S014142477.007	PO Material received	0	154.0	0	0		19,085.00	
				S014156988.003	PO Material received	0	154.0	0	0		195.00	
				S014147164.014	PO Material received	0	154.0	0	0		19,500.00	
				S014311628.002	PO Material received	0	154.0	0	0		1,000.00	
				S014311628.003	PO Material received	0	154.0	0	0		1,375.00	
											Total for Check/Tran - 69158:	229,395.00
69159	8/1/25	CHK	801	SBR TECHNOLOGIES								850.00
				250604-0036	Plotter annual maintenance	0	921.0	2	187		850.00	
69160	8/1/25	CHK	845	ENBRIDGE GAS								4.03
				8060020000JUL	Operations July Meter Fee	0	401.1	1	405		4.03	
69161	8/1/25	CHK	860	PETERSON TREE CARE								6,750.00
				8014210137	570 S 773 W tree trimming	0	591.0	2	395		6,750.00	
69162	8/1/25	CHK	1014	TIMBERLINE GENERAL STORE								442.97
				186421	Upper Snake creek maintenance	0	542.0	8	375		59.54	
				186436	blank covers, weatherproof boxes	0	592.0	3	375		17.96	
				186447	Sprinklers	0	935.0	1	375		80.56	
				186506	Lake Creek Hydro misc nuts & bolts	0	542.0	8	375		19.11	
				186574	sprinklers	0	935.0	1	187		27.99	
				186777	Lower Snake Creek Brass hose, hose clamp	0	542.0	8	235		25.98	
				186886	Lower Snake Creek Supplies	0	542.0	8	375		55.94	
				186911	Odor eliminator	0	548.0	4	187		9.98	
				187055	Leather gloves for Jim Madson	0	402.1	2	265		29.99	
				187349	Lower Snake Creek Supplies	0	542.0	8	375		49.54	
					Upper Snake Creek Supplies	0	542.0	8	375		66.38	
											Total for Check/Tran - 69162:	442.97

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	General Ledger Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69163	8/1/25	CHK	1038	UAMPS							785,571.03
HLP-0625				June 2025 Energy Usage payment	0	555.0	5	455		785,571.03	
69164	8/1/25	CHK	1047	US DEPT OF ENERGY							72,155.81
JJPB1643A0625				June Hydro Energy	0	555.0	5	162		72,155.81	
69165	8/1/25	CHK	1091	WASATCH AUTO PARTS							1,650.77
323206				Truck 274 service	0	935.2	4	340		114.46	
323209				Truck 202 steering tie rod end	0	935.2	4	340		745.49	
323165				Truck 202 brake pads	0	935.2	4	235		570.86	
323365				Return on Inv 323330	0	935.2	4	235		-109.99	
323310				Truck 202 parts - tube asy k102	0	935.2	4	235		123.92	
323314				Truck 202 steering stabalizer	0	935.2	4	187		62.74	
323324				Shrink wrap	0	548.0	4	375		18.75	
323330				Trailer 112 adjustable eye for hitch	0	935.2	4	235		109.99	
323367				Trailer 112 screws/locknut	0	935.2	4	235		14.55	
									Total for Check/Tran - 69165:		1,650.77
69166	8/1/25	CHK	1128	WESTERN STATES CIRCUIT BREAKER, I							4,850.00
5644-25RA				Unit 13 part	0	548.1	4	235		4,850.00	
69167	8/1/25	CHK	1131	WHEELER MACHINERY CO.							694.00
PS001924175				Compressor for Skidsteer 310	0	935.2	4	235		694.00	
69168	8/1/25	CHK	1234	CATE INDUSTRIAL SOLUTIONS							2,306.28
176916				Plant 3 Air compressor maintenance	0	548.0	4	187		2,306.28	
69169	8/1/25	CHK	1249	SNAP-ON INDUSTRIAL							183.58
ARV/65205744				Unit 12 Det Sensor	0	548.1	4	235		183.58	
69170	8/1/25	CHK	1327	NEXUS IT							6,198.86
160999				August Onsite & Remote Support	0	935.3	6	380		4,200.00	
161017				August Security and Support	0	935.3	6	330		1,998.86	
									Total for Check/Tran - 69170:		6,198.86

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	General Ledger Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69171	8/1/25	CHK	1328	DAVIS DISTRIBUTIN I ASCENT DIESEL							2,557.00
58376				Truck 280 LED radioray mounts	0	935.2	4	235		1,278.50	
				Truck 281 LED radioray mounts	0	935.2	4	235		1,278.50	
										Total for Check/Tran - 69171:	2,557.00
69172	8/1/25	CHK	1415	UTB TRANSFORMERS							31,966.00
6163				750 kVA three phase pad mount	0	107.0	0	235		31,966.00	
69173	8/6/25	CHK	987	WES ROWLEY							407.00
HOTLINE PERDIEM 0825				Hotline School per diem	0	401.2	2	240		407.00	
69174	8/6/25	CHK	992	LOGAN ULIBARRI							376.00
CEP1 PER DIEM 0825				CEP1 Traning Per Diem	0	401.2	4	240		306.00	
				CEP1 Traning mileage	0	401.2	4	415		70.00	
										Total for Check/Tran - 69174:	376.00
69175	8/6/25	CHK	1230	BURK COLEMAN							407.00
HOTLINE PERDIEM 0825				Hotline School per diem	0	401.2	2	240		407.00	
69176	8/6/25	CHK	1285	KOLBE WARD							407.00
HOTLINE PERDIEM 0825				Hotline School per diem	0	401.2	2	240		407.00	
69177	8/8/25	CHK	1	HORSE OF MANY COLORS							300.00
HOLESPONSOR 0825				Hole Sponsor for Golf Tournament	0	426.4	1	365		300.00	
69178	8/8/25	CHK	1	LES SCHWAB TIRE CENTER							2,750.00
LESSCHWAB REBATE0825				Commercial lighting rebate	0	555.2	1	45		2,750.00	
69179	8/8/25	CHK	2	LENNAR HOMES OF UTAH INC							86.08
20250806160654579				Credit Balance Refund 82199248	0	142.99	0	0		86.08	
69180	8/8/25	CHK	2	LENNAR HOMES OF UTAH INC							76.46
2025080616054434				Credit Balance Refund 82199283	0	142.99	0	0		76.46	
69181	8/8/25	CHK	140	ALTEC IND							1,516.60

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
13090889				Truck 281 paint	0	935.2	4	187		140.10	
13094070				Truck 280 quick release pins	0	935.2	4	235		867.56	
13096371				Truck 280 sensor, boom rest	0	935.2	4	235		508.94	
										Total for Check/Tran - 69181:	1,516.60
69182	8/8/25	CHK	262	CENTURYLINK - DATA SERVICES							2,818.33
744748536				July 2025 IP & Data Service	0	935.1	6	175		2,818.33	
69183	8/8/25	CHK	267	CHARLESTON TOWN							3,441.15
0725-FRANCHISE				Franchise Tax Collection Remittance	0	241.5	0	0		3,441.15	
69184	8/8/25	CHK	323	DANIEL TOWN							2,245.36
0725-FRANCHISE				Franchise Tax Collection Remittance	0	241.6	0	0		2,245.36	
69185	8/8/25	CHK	428	FREEDOM MAILING							6,118.58
50884				July 2025 Billing Cycle 1 Statements	0	921.5	1	55		6,118.58	
69186	8/8/25	CHK	480	HEBER CITY CORPORATION							72,814.81
0725-FRANCHISE				Franchise Tax Collection Remittance	0	241.3	0	0		71,256.25	
AUG25 STIPEND				Aaron Cheatwood HLP Board Stipend	0	920.0	1	180		475.32	
				Heidi Franco HLP Board Stipend	0	920.0	1	180		607.92	
				Sid Ostergaaurd HLP Board Stipend	0	920.0	1	180		475.32	
										Total for Check/Tran - 69186:	72,814.81
69187	8/8/25	CHK	484	HEBER LIGHT & POWER CO							10,000.00
AUG25 RESERVE				Monthly Reserve Funding	0	131.2	0	0		10,000.00	
69188	8/8/25	CHK	705	MIDWAY CITY OFFICES							28,855.33
0725-FRANCHISE				Franchise Tax Collection Remittance	0	241.4	0	0		28,855.33	
69189	8/8/25	CHK	740	IRBY CO.							268,921.71
S014082736.014				PO Material received	0	154.0	0	0		117,600.00	
S014263335.010				PO Material received	0	154.0	0	0		2,256.00	
S014142477.008				PO Material received	0	154.0	0	0		2,910.00	
S014311628.004				PO Material received	0	154.0	0	0		2,193.00	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / Invoice	GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
				S014263191.012	PO Material received	0	154.0	0	0		423.00	
				S014203829.013	PO Material received	0	154.0	0	0		4,250.00	
				S014130350.011	PO Material received	0	154.0	0	0		9,870.00	
				S014142597.011	PO Material received	0	154.0	0	0		14,550.00	
				S014315826.003	PO Material received	0	154.0	0	0		1,522.46	
				S014311628.001	PO Material received	0	154.0	0	0		1,650.00	
				S014315826.002	PO Material received	0	154.0	0	0		210.00	
				S013921923.015	PO Material received	0	154.0	0	0		24,650.00	
				S014204641.015	PO Material received	0	154.0	0	0		29,750.00	
				S014312754.001	PO Material received	0	154.0	0	0		10,275.00	
				S014203829.012	PO Material received	0	154.0	0	0		21,250.00	
				S014263191.011	PO Material received	0	154.0	0	0		25,500.00	
				S014315826.001	PO Material received	0	154.0	0	0		62.25	
											Total for Check/Tran - 69189:	268,921.71
69190	8/8/25	CHK	860	PETERSON TREE CARE								28,600.00
				8014210176	July 2025 contract section	0	591.0	2	395		28,600.00	
69191	8/8/25	CHK	892	SAFETY-KLEEN SYSTEMS, INC								1,359.63
				97613862	Parts Washer Oil Recovery	0	548.0	4	220		1,359.63	
69192	8/8/25	CHK	903	SCHWEITZER ENGINEERING LABS IN								6,817.92
				INV-001130463	751#K18N	0	591.0	2	235		6,817.92	
69193	8/8/25	CHK	908	SECURITY INSTALL SOLUTIONS, INC								240.00
				I-11513	Aug Brivo OnAir Hosting	0	935.3	6	330		240.00	
69194	8/8/25	CHK	1091	WASATCH AUTO PARTS								713.85
				323566	Core deposit return on Inv 323558	0	935.2	4	235		-36.00	
				323558	Truck 267 battery, core deposit	0	935.2	4	235		435.98	
				323578	Fleet Supplies	0	548.0	4	375		151.96	
				323587	Trailer 638, parts	0	935.2	4	235		10.48	
				323632	Fleet shop supplies	0	548.0	4	375		35.96	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
Invoice											
323736				Crimp-all tool	0	402.2	4	155		73.98	
				slide terminal	0	548.0	4	235		6.49	
323746				freight charge for a pick up	0	548.0	4	255		35.00	
										Total for Check/Tran - 69194:	713.85
69195	8/8/25	CHK	1095	WASATCH COUNTY							475.32
AUG25 STIPEND				August 2025 HLP Board Stipend	0	920.0	1	180		475.32	
69196	8/8/25	CHK	1100	WASATCH COUNTY SOLID WASTE							679.00
6321 JUL25				Probst House 3rd Qtr 2025 Waste Removal	0	401.1	1	405		140.00	
80040 JUL25				Mill Flat 3rd Qtr 2025 Waste Removal	0	401.1	1	405		70.00	
80053 JUL25				Operations 3rd Qtr 2025 Waste Removal	0	401.1	1	405		70.00	
25213				Weighed Load & Roll Off Fee	0	401.1	1	405		399.00	
										Total for Check/Tran - 69196:	679.00
69197	8/8/25	CHK	1131	WHEELER MACHINERY CO.							5,775.45
PS001925776				Unit 12 Emissions parts	0	548.1	4	235		1,073.16	
PS001925777				Unit 4 Installation parts	0	107.0	0	235		138.90	
PS001926722				Unit 11 parts	0	548.1	4	235		385.36	
PS001927577				Unit 11 parts	0	548.1	4	235		202.61	
PS001928422				Unit 11 gear box coupling	0	548.1	4	235		334.89	
PS001928423				Unit 7 gas gage	0	548.1	4	235		521.09	
PS001928424				Unit 7 adapters	0	548.1	4	235		129.04	
PS001928425				Unit 7 sensor	0	548.1	4	235		476.31	
PS001929255				Unit 11 coupling,washer,backshell	0	548.1	4	235		310.41	
PS001929256				Unit 11 Rocker box parts	0	548.1	4	235		2,203.68	
										Total for Check/Tran - 69197:	5,775.45
69198	8/8/25	CHK	1178	ZIPLOCAL							29.00
ZIPLOCAL-31050				July 2025 Yellow Pages Listing	0	935.1	6	245		29.00	
69199	8/8/25	CHK	1188	WELLABLE LLC							170.00
38202				August Wellable Subscription	0	930.2	1	410		170.00	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69200	8/8/25	CHK	1249	SNAP-ON INDUSTRIAL							130.00
ARS/17750978				Power tool repair	0	402.2	4	260		130.00	
69201	8/8/25	CHK	1282	MEGGER SYSTEMS AND SERVICES, INC							9,026.88
5690020019				2024 Oil Samples	0	592.0	3	187		7,875.00	
5690024035				Southfield Sub T-1XFMR	0	592.0	3	187		416.88	
5690029687				Southfield Sub T-1	0	592.0	3	187		347.50	
5690033488				Southfield Sub T-1 Gas	0	592.0	3	187		387.50	
										Total for Check/Tran - 69201:	9,026.88
69202	8/8/25	CHK	1285	KOLBE WARD							225.00
CDL 2025				CDL Online training course	0	401.2	2	325		225.00	
69203	8/8/25	CHK	1291	NORCO INC							146.93
0044256388				Gen 800 Clamp	0	548.0	4	235		146.93	
69204	8/8/25	CHK	1300	OUTIFI							1,100.00
6016				Outifi Subscription, IVR Configuation	0	401.0	1	374		1,100.00	
69205	8/8/25	CHK	1307	EPM POWER & WATER SOLUTIONS INC							16,900.00
9109018				Size 21, 20-Series Pump	0	592.0	0	235		16,900.00	
69206	8/8/25	CHK	1327	NEXUS IT							67,150.15
161111				IT Gates	0	107.0	0	100		3,433.75	
160938				New Bldg camera & door access project	0	107.0	0	47		63,716.40	
										Total for Check/Tran - 69206:	67,150.15
69207	8/8/25	CHK	1328	DAVIS DISTRIBUTIN I ASCENT DIESEL							11,796.81
57455				Accessory bins for New bucket truck 280	0	394.0	0	0		5,918.40	
				Accessory bins for New bucket truck 281	0	394.0	0	0		5,878.41	
										Total for Check/Tran - 69207:	11,796.81
69208	8/8/25	CHK	1389	SLATE ROCK FR							614.30
91745				FR Clothing Nate Bijolle	0	402.1	4	125		614.30	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69209	8/15/25	CHK	1141	PATRICIO HERNANDEZ							301.00
UAMPS PER DIEM 0825				UAMPS Annual Conf Per Diem	0	401.2	1	240		301.00	
69210	8/15/25	CHK	1	BRIANNA WALTERS							500.00
WALTERS, REBATE0825				EV Charger rebate	0	555.2	1	110		500.00	
69211	8/15/25	CHK	1	CHRIS WARREN							1,900.00
WARREN, REBATE0825				ECM rebate	0	555.2	1	160		100.00	
				Tier 3 HP rebate	0	555.2	1	160		1,800.00	
										Total for Check/Tran - 69211:	1,900.00
69212	8/15/25	CHK	1	D.G. OTTOSON							75.00
OTTOSON, REBATE0825				Smart thermostat rebate	0	555.2	1	385		75.00	
69213	8/15/25	CHK	1	HEBER VALLEY REAL ESTATE LLC							1,100.00
REBATES, 0825				Tier 2 AC rebate 78400002	0	555.2	1	160		550.00	
				Tier 2 AC rebate 78400003	0	555.2	1	160		550.00	
										Total for Check/Tran - 69213:	1,100.00
69214	8/15/25	CHK	1	KIRK HEATON							650.00
HEATON, REBATE0825				ECM rebate	0	555.2	1	160		100.00	
				Tier 2 AC rebate	0	555.2	1	160		550.00	
										Total for Check/Tran - 69214:	650.00
69215	8/15/25	CHK	1	ROSS HANSEN							1,900.00
HANSEN, REBATE0825				Dual fuel HP rebate	0	555.2	1	160		1,800.00	
				ECM rebate	0	555.2	1	160		100.00	
										Total for Check/Tran - 69215:	1,900.00
69216	8/15/25	CHK	1	SHAUN BUCKNER							600.00
BUCKNER, REBATE0825				ECM rebate	0	555.2	1	160		100.00	
				Tier 1 AC rebate	0	555.2	1	160		350.00	
				Thermostat (2) rebate	0	555.2	1	385		150.00	
										Total for Check/Tran - 69216:	600.00
69217	8/15/25	CHK	2	SEAN BURSTON							70.44

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / Invoice	GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
20250813111551103					Credit Balance Refund 85868001	0	142.99	0	0		70.44	
69218	8/15/25	CHK	52	LEE'S MARKETPLACE HEBER								59.92
55560					Lineman cooler drinks	0	591.0	2	375		59.92	
69219	8/15/25	CHK	62	JEREMY MOTLEY								125.00
PHYSICAL 2025					CDL Physical reimbursement	0	401.0	2	95		125.00	
69220	8/15/25	CHK	88	KARL MALONE								211.54
90946					Truck 267 Tube-diesel	0	935.2	4	235		171.00	
90981					Truck 252 Pushrod	0	935.2	4	235		40.54	
											Total for Check/Tran - 69220:	211.54
69221	8/15/25	CHK	105	A T & T								67.99
0512678562001AUG25					Aug 2025 Phone Service	0	935.1	6	245		67.99	
69222	8/15/25	CHK	140	ALTEC IND								6,296.34
13099099					Tools for Fleet trucks	0	402.2	2	155		5,565.42	
13101315					Truck 262 synthetic rope assembly	0	935.2	4	235		730.92	
											Total for Check/Tran - 69222:	6,296.34
69223	8/15/25	CHK	386	BORDER STATES INDUSTRIES INC.								490.98
930793606					Time delay fuse Plant 2 exhaust fan	0	935.0	1	160		179.13	
930836198					Duct Seal	0	592.0	3	375		115.20	
930895543					Square D conduit hubs	0	597.0	7	235		18.28	
930907331					power supply cord	0	107.0	0	235		11.18	
930907343					driver bit set	0	402.2	3	155		21.99	
930920958					conduit	0	107.0	0	235		36.17	
930921903					Truck 280 screwdriver set	0	402.2	2	155		44.99	
930924900					Truck 202 Penta sockets	0	402.2	2	155		39.17	
930931001					Truck 207 saw blades	0	402.2	2	260		24.87	
											Total for Check/Tran - 69223:	490.98
69224	8/15/25	CHK	480	HEBER CITY CORPORATION								1,407.89

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
10.23970.1 JUL25				July 2025 Heber Substation Water/Sewer	0	401.1	1	405		45.29	
10.24625.1 JUL25				July 2025 Operations Water/Sewer	0	401.1	1	405		45.99	
10.24630.1 JUL25				July 2025 Line Shop Water/Sewer	0	401.1	1	405		199.84	
9.22740.1 JUL25				July 2025 Office Water/Sewer	0	401.1	1	405		158.13	
20.02049.0 JUL25				July 2025 Cowboy Village Water/Sewer	0	401.1	1	405		325.82	
20.02388.5 JUL25				New Building water/sewer June & July	0	401.1	1	405		430.40	
10.24620.1 JUL25				July 2025 Operations Water/Sewer	0	401.1	1	405		202.42	
									Total for Check/Tran - 69224:		1,407.89
69225	8/15/25	CHK	734	MOUNTAINLAND ONE STOP							34.07
153971				Forklift propane	0	935.2	4	130		34.07	
69226	8/15/25	CHK	740	IRBY CO.							164,667.00
S014263191.013				PO Material received	0	154.0	0	0		4,250.00	
S014204605.008				PO Material received	0	154.0	0	0		590.00	
S014263335.011				PO Material received	0	154.0	0	0		22,285.00	
S014312776.001				Groundmen Gloves	0	402.1	0	265		828.00	
S014147164.015				PO Material received	0	154.0	0	0		78,000.00	
S014308653.002				ANDAX TCB-095-BC 100-167KVA	0	402.0	2	0		510.00	
S014013040.005				PO Material received	0	154.0	0	0		27,400.00	
S014079922.007				PO Material received	0	154.0	0	0		30,300.00	
S014304603.001				Pad Lock Keys	0	402.2	1	155		504.00	
									Total for Check/Tran - 69226:		164,667.00
69227	8/15/25	CHK	780	O'REILLY AUTOMOTIVE INC							4,301.60
3664-114435				Truck 280 Carwash 4th parade	0	935.2	4	187		11.99	
3664-114402				Truck 253 cabin filter	0	935.2	4	187		15.69	
3664-114399				Truck 280 Tirewet 4th parade	0	935.2	4	187		10.99	
3664-119880				Core return on 3664-119824	0	935.2	4	235		-20.00	
3664-116227				Fleet HVAC Recovery Tool	0	394.0	0	0		4,149.00	
3664-117707				Truck 267 Blue Def	0	935.2	4	187		33.98	
3664-119824				Truck 253 brake bracket, core charge	0	935.2	4	235		82.96	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	General Ledger Account	Dept	Actv	BU Project	Distr Amount	Amount
3664-124892				Truck 251 BlueDEF	0	935.2	4	187		16.99	
										Total for Check/Tran - 69227:	4,301.60
69228	8/15/25	CHK	825	LINDE GAS & EQUIPMENT INC							151.93
50994632				Stargon-Stargold Cylinder Rental	0	592.0	3	375		53.00	
50962541				Acetylene Cylinder Rental	0	592.0	3	375		98.93	
										Total for Check/Tran - 69228:	151.93
69229	8/15/25	CHK	992	LOGAN ULIBARRI							806.34
CEP1 CAR RENTAL0825				CEP1 Training - car rental	0	401.2	4	415		806.34	
69230	8/15/25	CHK	1007	UPS STORE							580.67
18440				Southfield oil samples T4 transformer	0	592.0	3	255		140.90	
18505				Rubber Glove Testing	0	402.1	2	265		439.77	
										Total for Check/Tran - 69230:	580.67
69231	8/15/25	CHK	1047	US DEPT OF ENERGY							2,263.72
JJPB1643B0725				July Hydro Energy	0	555.0	5	162		2,263.72	
69232	8/15/25	CHK	1075	VERIZON WIRELESS							159.94
6120014775				August Data Coverage	0	935.1	6	175		159.94	
69233	8/15/25	CHK	1091	WASATCH AUTO PARTS							423.34
323776				Heavy duty grease	0	548.0	4	375		43.90	
323791				Truck 278 service	0	935.2	4	340		82.47	
323828				Fleet shop supplies	0	548.0	4	375		296.97	
										Total for Check/Tran - 69233:	423.34
69234	8/15/25	CHK	1098	WASATCH COUNTY JR LIVESTOCK							1,650.00
25				2025 Livestock Boost	0	426.4	1	365		1,650.00	
69235	8/15/25	CHK	1100	WASATCH COUNTY SOLID WASTE							379.00
90083 AUG25				Office Aug - 2025 Waste Removal	0	401.1	1	405		110.00	
93539 AUG25				Aug - Operations Garbage Removal	0	401.1	1	405		269.00	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	General Ledger Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
Invoice				GL Reference							
										Total for Check/Tran - 69235:	379.00
69236	8/15/25	CHK	1131	WHEELER MACHINERY CO.							3,461.97
PS001929997				Gasket Plant 3	0	548.0	4	235		66.00	
PS001932889				Unit 12 Sensor, actuator	0	548.1	4	235		3,395.97	
										Total for Check/Tran - 69236:	3,461.97
69237	8/15/25	CHK	1133	CYME INTERNATIONAL T&D INC							2,935.25
954525053				CYME - Protective Device Analysis	0	397.0	0	0		2,935.25	
69238	8/15/25	CHK	1145	PEHP GROUP INSURANCE FLEX							787.33
FLEX 8/7/25				Employee FSA Contributions	0	243.0	0	12		787.33	
69239	8/15/25	CHK	1198	KEVIN PAYNE							475.32
AUG25 STIPEND				August 2025 HLP Board Stipend	0	920.0	1	180		475.32	
69240	8/15/25	CHK	1249	SNAP-ON INDUSTRIAL							403.21
ARV/65324764				18v Compact drill	0	402.2	4	260		403.21	
69241	8/15/25	CHK	1253	SEL ENGINEERING SERVICES INC							1,075.00
73582				PCD to SEL 751 conversion	0	107.0	0	100		1,075.00	
69242	8/15/25	CHK	1263	EPIC ENGINEERING							1,524.50
20251565				Material Testing on New Bldg - June 2025	0	107.0	0	100		1,524.50	
69243	8/15/25	CHK	1291	NORCO INC							567.07
0044158336				Fleet Comsumable supplies	0	548.0	4	375		264.51	
0044158342				Gen 800 Consumable supplies	0	548.0	4	375		302.56	
										Total for Check/Tran - 69243:	567.07
69244	8/15/25	CHK	1472	BART MILLER							301.00
UAMPS PER DIEM 0825				UAMPS Annual Conf Per Diem	0	401.2	1	240		301.00	
69245	8/18/25	CHK	1015	BROOKLYN NICHOLES							3,955.00
FALL 2025 SCHOOL				2025 Fall School reimbursement	0	401.2	1	325		3,955.00	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	General Ledger Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69246	8/22/25	CHK	1	BRYCE HARDING							1,900.00
HARDING, REBATE0825				ECM rebate	0	555.2	1	160		100.00	
				Tier 3 heat pump rebate	0	555.2	1	160		1,800.00	
										Total for Check/Tran - 69246:	1,900.00
69247	8/22/25	CHK	1	CLAUDIA HOWELLS							2,325.00
HOWELLS, REBATE0825				ECM rebate	0	555.2	1	160		100.00	
				Tier 1 AC rebate	0	555.2	1	160		350.00	
				Tier 3 heat pump rebate	0	555.2	1	160		1,800.00	
				whole house fan rebate	0	555.2	1	160		75.00	
										Total for Check/Tran - 69247:	2,325.00
69248	8/22/25	CHK	1	GRANNY'S DRIVE-IN							1,200.00
HEATPUMP REBATE0825				2-supplemental ductless heatpump rebates	0	555.2	1	160		1,200.00	
69249	8/22/25	CHK	1	MICHAEL SMITH							1,300.00
SMITH, REBATE0825				single head ductless heat pump rebate	0	555.2	1	160		1,300.00	
69250	8/22/25	CHK	1	PARKER DOUGHERTY							50.00
DOUGHERTY,REBATE0825				Fridge rebate	0	555.2	1	300		50.00	
69251	8/22/25	CHK	1	SHAWN SPICER							1,975.00
SPICER, REBATE0825				ECM rebate	0	555.2	1	160		100.00	
				Heat pump rebate	0	555.2	1	160		1,800.00	
				Thermostat rebate	0	555.2	1	385		75.00	
										Total for Check/Tran - 69251:	1,975.00
69252	8/22/25	CHK	81	TESCO - THE EASTERN SPECIALTY CO							992.56
215891				PO Material received	0	154.0	0	0		940.00	
				Shipping	0	921.3	0	350		52.56	
										Total for Check/Tran - 69252:	992.56
69253	8/22/25	CHK	87	MCMASTER-CARR							601.79
50581952				replacement glass packing retainer	0	548.0	4	235		601.79	
69254	8/22/25	CHK	105	A T & T							148.89

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Invoice	GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
					0300550933001AUG25	August 2025 Phone Service	0	935.1	6	245		148.89	
69255	8/22/25	CHK	140	ALTEC IND									2,419.44
					13108094	Klein Tool Storage, bit storage	0	402.2	4	155		958.83	
					13111044	magnetic hardware holder	0	402.2	4	155		101.04	
					13115392	Fleet - bolts w/ tool box organizer	0	402.2	4	155		429.11	
					13117053	Klein tools for Fleet	0	402.2	4	155		418.37	
					13117411	Tools for Fleet	0	402.2	4	155		512.09	
												Total for Check/Tran - 69255:	2,419.44
69256	8/22/25	CHK	167	SMITH HARTVIGSEN,PLLC									34,116.50
					70192	July - Legal General Matters	0	923.0	1	440		11,100.00	
					70193	July - Travel Time	0	923.0	1	440		640.00	
					70194	Northern Substaion Second POD	0	107.0	0	440		96.00	
					70195	July - Gertsch Litigation Legal Support	0	923.0	1	440		319.00	
					70196	July - Jonsson v Pacificorp litigation	0	923.0	1	440		21,961.50	
												Total for Check/Tran - 69256:	34,116.50
69257	8/22/25	CHK	206	BLUE STAKES OF UTAH 811									1,128.96
					UT202502095	July 2025 Staking Notifications	0	591.0	2	15		1,128.96	
69258	8/22/25	CHK	261	CENTURYLINK									233.16
					333641720AUG25	Aug-2025 Phone Charges 435-654-1118	0	935.1	6	245		40.33	
					333725663AUG25	Aug-2025 Phone Charges 435-654-7103	0	935.1	6	245		136.52	
					333725665AUG25	Aug-2025 Phone Charges 435-654-1682	0	935.1	6	245		56.31	
												Total for Check/Tran - 69258:	233.16
69259	8/22/25	CHK	320	CUWCD									250,618.00
					523	July Jordanelle Hydro Energy	0	555.0	5	162		250,618.00	
69260	8/22/25	CHK	353	DISH NETWORK									176.78
					DISH-0925	September Cable Subscription	0	401.0	5	374		176.78	
69261	8/22/25	CHK	386	BORDER STATES INDUSTRIES INC.									258.74

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
930947899				PVC conduit - maintenence	0	935.0	1	187		252.16	
930970117				Truck 207 Lenox saw blades	0	402.2	2	155		6.58	
									Total for Check/Tran - 69261:		258.74
69262	8/22/25	CHK	428	FREEDOM MAILING							5,127.52
50970				July 2025 Billing Cycle 2 Statements	0	921.5	1	55		5,127.52	
69263	8/22/25	CHK	456	GRAINGER, INC.							75.24
9589291476				Plant 3 glass beads	0	548.0	4	235		75.24	
69264	8/22/25	CHK	624	LABRUM FORD							1,436.66
25002377				Truck 202 service, seat pad	0	935.2	4	340		651.80	
25002378				Truck 274 service/repair	0	935.2	4	340		784.86	
									Total for Check/Tran - 69264:		1,436.66
69265	8/22/25	CHK	644	US BANK NATIONAL ASSOCIATION							276,479.16
43469				August - 2012 Bond Payment	0	136.2	0	18		8,666.66	
43500				August - 2019 Bond Payment	0	136.6	0	18		91,062.50	
51952				Aug - 2023 Bond Payment	0	136.61	0	18		176,750.00	
									Total for Check/Tran - 69265:		276,479.16
69266	8/22/25	CHK	732	MOUNTAIN WEST TRAILERS							15,281.71
50970				hitch for Demo Trailer #112	0	935.2	4	235		51.92	
50965				Utility Tilt Deck Trailer / Mini-X	0	392.0	0	0		15,177.87	
50962				Trailer #116 drawbar	0	935.2	4	235		51.92	
									Total for Check/Tran - 69266:		15,281.71
69267	8/22/25	CHK	734	MOUNTAINLAND ONE STOP							34.07
160620				Forklift propane	0	935.2	4	130		34.07	
69268	8/22/25	CHK	735	MOUNTAINLAND SUPPLY CO.							75.79
S107194907.001				Gripper plug	0	592.0	3	235		75.79	
69269	8/22/25	CHK	736	PROTELESIS CORPORATION							520.06

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Invoice	GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
					I-101493	August SIP Trunk Support	0	935.1	6	245		520.06	
69270	8/22/25	CHK	740	IRBY CO.									473,871.43
					S014155222.001	PO Material received	0	154.0	0	0		31,400.00	
					S014229742.007	PO Material received	0	154.0	0	0		4,920.00	
					S014177810.006	PO Material received	0	154.0	0	0		13,475.00	
					S014263191.014	PO Material received	0	154.0	0	0		1,640.00	
					S014175505.012	PO Material received	0	154.0	0	0		5,775.00	
					S014300913.001	PO Material received	0	154.0	0	0		2,940.00	
					S014204641.016	PO Material received	0	154.0	0	0		820.00	
					S014263335.012	PO Material received	0	154.0	0	0		2,460.00	
					S014329645.001	PO Material received	0	154.0	0	0		27,820.00	
					S014329087.001	PO Material received	0	154.0	0	0		8,625.00	
					S014329087.003	PO Material received	0	154.0	0	0		45.00	
					S014329038.002	PO Material received	0	154.0	0	0		18,540.40	
					S014329645.002	PO Material received	0	154.0	0	0		8,612.80	
					S014315826.004	PO Material received	0	154.0	0	0		312.50	
					S014329038.003	PO Material received	0	154.0	0	0		45.00	
					S014192213.005	PO Material received	0	154.0	0	0		1,030.00	
					S014329087.002	PO Material received	0	154.0	0	0		6,405.00	
					S014082736.016	PO Material received	0	154.0	0	0		210,000.00	
					S014329687.001	Wire	0	591.0	2	235		260.00	
					S014303234.001	Gas Plant substation transformer	0	107.0	0	235		128,745.73	
												Total for Check/Tran - 69270:	473,871.43
69271	8/22/25	CHK	768	CANON SOLUTIONS AMERICA									114.89
					6012751701	Office Click Counts	0	921.0	1	275		55.39	
					6012751975	Operations Click Counts	0	921.0	1	250		59.50	
												Total for Check/Tran - 69271:	114.89
69273	8/22/25	CHK	845	ENBRIDGE GAS									8,453.58
					5060020000JUL25	July-25 Cogen Fuel Transport Charges	0	547.0	4	135		8,453.58	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69274	8/22/25	CHK	862	PARKLAND USA CORPORATION							15,950.30
IN-802680-25				Plant 2 103667/ - Mobil Pegasus 1005	0	548.0	4	220		7,975.15	
				Plant 3 103667/ - Mobil Pegasus 1005	0	548.0	4	220		7,975.15	
										Total for Check/Tran - 69274:	15,950.30
69275	8/22/25	CHK	878	ESCI							3,040.00
14886				Aug 2025 Safety & Training Services	0	402.1	1	315		3,040.00	
69276	8/22/25	CHK	892	SAFETY-KLEEN SYSTEMS, INC							3,349.55
97904303				Parts Washer Oil System Removal	0	548.0	4	220		3,349.55	
69277	8/22/25	CHK	903	SCHWEITZER ENGINEERING LABS IN							2,690.20
INV-001136220				235-0003	0	592.0	3	235		401.16	
				3061#M47Q	0	592.0	3	235		2,033.96	
				C980#482C	0	592.0	3	235		255.08	
										Total for Check/Tran - 69277:	2,690.20
69278	8/22/25	CHK	922	SHRED-IT USA							163.40
8011566245				Operations Shredding Service	0	921.0	1	75		82.22	
8011567403				Office Shredding Service	0	921.0	1	75		81.18	
										Total for Check/Tran - 69278:	163.40
69279	8/22/25	CHK	992	LOGAN ULIBARRI							80.00
CEP1 BAG CHECK 0825				CEP1/ARC Training Bag check (2)	0	401.2	4	10		80.00	
69280	8/22/25	CHK	1075	VERIZON WIRELESS							396.04
6120550084				Jul 9 - Aug 8 SCADA	0	592.0	3	320		352.66	
				Jul 9 - Aug 8 Backup router	0	935.3	6	355		43.38	
										Total for Check/Tran - 69280:	396.04
69281	8/22/25	CHK	1091	WASATCH AUTO PARTS							633.99
324436				Truck 280 - round tubing	0	935.2	4	235		7.99	
324478				Truck 270 service	0	935.2	4	340		99.96	
324567				Truck 251 service	0	935.2	4	340		421.07	
324680				Truck 276 service	0	935.2	4	340		26.98	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
324682				Fleet -transfer barrel pump	0	548.0	4	375		77.99	
										Total for Check/Tran - 69281:	633.99
69282	8/22/25	CHK	1131	WHEELER MACHINERY CO.							34,513.17
PS001936280				Unit 11 drill bits	0	548.1	4	235		392.53	
PS001936279				Unit 12 nipple	0	548.1	4	235		63.84	
PS001936281				Unit 11 seal-o-ring	0	548.1	4	235		11.60	
SS000569928				Unit 10 Install Generator set	0	107.0	0	47		15,797.26	
SS000569929				Radiator Install	0	107.0	0	47		7,192.75	
SS000569930				Unit 12 replace auxiliary fan drive	0	548.1	4	187		4,145.66	
SS000569931				Unit 8 Exhaust Valve testing	0	548.1	4	187		4,068.23	
SS000569932				Unit 7 switchgear service/repair	0	548.1	4	187		2,841.30	
										Total for Check/Tran - 69282:	34,513.17
69283	8/22/25	CHK	1145	PEHP GROUP INSURANCE FLEX							787.33
FLEX 8/21/25				Employee FSA Contributions	0	243.0	0	12		787.33	
69284	8/22/25	CHK	1219	ROCKY MOUNTAIN WIRE ROPE & RIGG							158.44
3037136-IN				Generation 800 hooks	0	548.0	4	235		158.44	
69285	8/22/25	CHK	1244	BUD MAHAS CONSTRUCTION, INC							903,355.00
2307 00 #15				New Bldg Pay Request #15	0	107.0	0	47		903,355.00	
69286	8/22/25	CHK	1292	DELL MARKETING L.P.							2,942.03
10826103648				Dell Pro Smart Dock SD25 (13)	0	935.3	6	105		2,942.03	
69287	8/22/25	CHK	1304	SVENDSEN AUTOMOTIVE PRODUCTS							484.94
29459				Shop Supplies for Fleet	0	548.0	4	375		484.94	
69288	8/22/25	CHK	1331	HUMPHRIES INC							2,212.33
0002115144				Fleet - welding wire, cylinder spoolmate	0	935.2	4	235		2,212.33	
69289	8/22/25	CHK	1433	EXECUTECH							4,745.00
UTH-225602				Security and IT services	0	935.3	6	330		4,745.00	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69290	8/22/25	CHK	1467	NISC							13,261.84
635273				Mapping Production GIS Project	0	591.0	2	355		850.00	
				July 2025 Bank Fees	0	921.4	1	25		367.87	
				July 2025 PDF Posting to accounts	0	921.5	1	270		159.24	
635983				July 2025 - Monthly Software Fee	0	401.0	1	355		11,884.73	
				Total for Check/Tran - 69290:							13,261.84
69291	8/25/25	CHK	844	PEHP GROUP INSURANCE							260.46
608404				Sept 2025 Bond Post Retiree Ins Premium	0	926.1	1	12		260.46	
69292	8/25/25	CHK	844	PEHP GROUP INSURANCE							74,178.35
608547				COBRA - Mecham	0	926.0	1	12		688.66	
				Retiree Benefit Prem	0	926.0	1	12		2,963.59	
				Sept 2025 Health/Vision Insurance Premiu	0	926.0	1	12		70,526.10	
				Total for Check/Tran - 69292:							74,178.35
69293	8/27/25	CHK	1	H2O PRO SPRINKLERS LLC							3,653.55
EST5570030				Service repair landscape damage 50%	0	591.0	2	182		3,653.55	
69294	8/29/25	CHK	1	HEBER CITY							238.05
250071				Fire Hydrant meter refund requisition	0	107.0	0	47		238.05	
69295	8/29/25	CHK	2	JAMES C KEENE							53.58
20250829150240205				Credit Balance Refund 77218001	0	142.99	0	0		53.58	
69296	8/29/25	CHK	140	ALTEC IND							106.85
13126673				Fleet rail system replacement cartridges	0	402.2	4	155		106.85	
69297	8/29/25	CHK	216	JAN-PRO OF UTAH - MIDVALE							1,679.00
354404				Janitorial Service for Sept 2025	0	401.1	1	30		1,679.00	
69298	8/29/25	CHK	698	LYTHGOE DESIGN GROUP, INC							3,346.65
2810				July-2025 Design Hours - Admin Bldg	0	107.0	0	100		3,346.65	
69299	8/29/25	CHK	705	MIDWAY CITY OFFICES							12,176.19
WO 49001 REFUND				Refund on WO 49001	0	415.0	0	47		12,176.19	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	General Ledger Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69300	8/29/25	CHK	735	MOUNTAINLAND SUPPLY CO.							151.58
S107195108.001				Southfield Sub - inside gripper plug	0	592.0	3	235		151.58	
69301	8/29/25	CHK	740	IRBY CO.							972,052.95
S014175464.005				PO Material received	0	154.0	0	0		47,090.00	
S014177810.007				PO Material received	0	154.0	0	0		570.00	
S014329038.001				PO Material received	0	154.0	0	0		30,137.30	
S014192213.006				PO Material received	0	154.0	0	0		1,755.00	
S014082736.017				PO Material received	0	154.0	0	0		204,750.00	
S014329645.003				PO Material received	0	154.0	0	0		140.00	
S014323708.001				MILW 2865-20 M18 FUEL	0	402.2	2	260		399.00	
S014175465.004				PO Material received	0	154.0	0	0		20,775.00	
S013295499.001				PO Material received	0	154.0	0	0		9,540.00	
S014193496.015				PO Material received	0	154.0	0	0		2,197.50	
S014200675.006				PO Material received	0	154.0	0	0		70,000.00	
S014193496.016				PO Material received	0	154.0	0	0		212,037.50	
S014254401.004				PO Material received	0	154.0	0	0		70,000.00	
S014174247.002				PO Material received	0	154.0	0	0		70,000.00	
S014082736.015				PO Material received	0	154.0	0	0		210,000.00	
S013983109.001				PO Material received	0	154.0	0	0		20,900.00	
S014322771.001				Rubber Glove Testing	0	402.1	2	265		967.69	
S014322771.002				Rubber Glove Testing	0	402.1	2	265		793.96	
									Total for Check/Tran - 69301:		972,052.95
69302	8/29/25	CHK	746	FUEL NETWORK							4,765.18
F2601E00884				July 2025 Fleet Fuel	0	935.2	4	130		4,765.18	
69303	8/29/25	CHK	845	ENBRIDGE GAS							12.85
8060020000AUG25				Operations Aug Meter Fee	0	401.1	1	405		12.85	
69304	8/29/25	CHK	860	PETERSON TREE CARE							21,200.00
8014210225				2025 Contract Section 1	0	591.0	2	395		21,200.00	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
69305	8/29/25	CHK	862	PARKLAND USA CORPORATION							903.41
IN-819332-25				Shop supplies	0	548.0	4	375		903.41	
69306	8/29/25	CHK	1047	US DEPT OF ENERGY							77,036.78
JJPB1643A0725				July Hydro Energy	0	555.0	5	162		77,036.78	
69307	8/29/25	CHK	1091	WASATCH AUTO PARTS							1,719.27
324850				Fleet - engine degreaser, marker	0	935.2	4	187		38.54	
324851				Truck 277 oil filter	0	935.2	4	187		10.99	
324903				Truck 223 clutch master	0	935.2	4	235		114.99	
324904				Truck 251 service/repair parts	0	935.2	4	340		850.98	
324905				Truck 251 LED light kits	0	935.2	4	235		132.86	
324934				credit return on Inv 324904	0	935.2	4	340		-166.99	
325013				Truck 223 wiper blades	0	935.2	4	187		26.98	
325019				Plant 3 wheel	0	548.0	4	235		47.98	
325093				Truck 251 LED lights	0	935.2	4	235		383.04	
325028				Fleet Shop supplies	0	935.2	4	235		136.94	
325106				Truck 267 Hex bits	0	402.2	2	155		13.49	
325112				Fleet Shop supplies	0	935.2	4	235		129.47	
									Total for Check/Tran - 69307:		1,719.27
69308	8/29/25	CHK	1131	WHEELER MACHINERY CO.							7,937.02
PS001938751				#309 misc parts	0	935.2	4	235		359.11	
PS001939551				Unit 12 throttle parts	0	548.1	4	235		267.15	
SS000571118				Unit 10 Hyraulic fan motor parts	0	548.1	4	235		3,623.98	
				Unit 12 Hyraulic fan motor parts	0	548.1	4	235		3,623.98	
PS001940422				misc parts	0	548.0	4	235		62.80	
									Total for Check/Tran - 69308:		7,937.02
69309	8/29/25	CHK	1159	CHELSEA MALANI							1,482.47
NWPPA AIRFARE 0925				NWPPA SPCC airfare	0	401.2	5	10		138.40	
NWPPA AIRFARE0925				NWPPA SPCC airfare	0	401.2	5	10		389.40	
NWPPA HOTEL 0925				NWPPA SPCC Hotel	0	401.2	5	185		638.67	

Accounts Payable
Check Register

08/01/2025 To 08/31/2025

Bank Account: 1 - ZIONS BANK GENERAL FUND

Check / Tran	Date	Pmt Type	Vendor	Vendor Name / GL Reference	Div	Account	Dept	Actv	BU Project	Distr Amount	Amount
NWPPASPCCPERDIEM0925				NWPPA SPCC Training Per Diem	0	401.2	5	240		246.00	
				NWPPA SPCC Training mileage	0	401.2	5	415		70.00	
									Total for Check/Tran - 69309:		1,482.47
69310	8/29/25	CHK	1233	DIAMOND CUTTING, LLC							225.00
49982				Plant 3 custom fabricate	0	548.0	4	235		225.00	
69311	8/29/25	CHK	1291	NORCO INC							43.80
0044276361				Plant 3 antispatter	0	548.0	4	187		43.80	
69312	8/29/25	CHK	1292	DELL MARKETING L.P.							3,230.72
10827220381				Dell Pro Rugged RB 14250 XCTO (Generatio	0	397.0	0	0		3,230.72	
69313	8/29/25	CHK	1327	NEXUS IT							12,838.66
161480				September Onsite & Remote Support	0	935.3	6	380		4,200.00	
161498				September NEX-Core Tooling + NOCaaS	0	935.3	6	335		1,998.86	
161578				IT Gates	0	107.0	0	100		6,639.80	
									Total for Check/Tran - 69313:		12,838.66
69314	8/29/25	CHK	1331	HUMPHRIES INC							5,216.41
0002114827				Millermatic 252 Welder	0	394.0	0	0		4,677.81	
0002115406				Fleet - Cylinder, alum wire	0	935.2	4	235		538.60	
									Total for Check/Tran - 69314:		5,216.41
69315	8/29/25	CHK	1332	SARGENT & LUNDY, L.L.C.							35,407.50
18381475				Sewer Plant Transmission	0	107.0	0	100		35,407.50	
69316	8/29/25	CHK	1472	BART MILLER							454.80
APPA B&F PERDIEM0925				APPA B&F Conference Per Diem	0	401.2	1	240		333.00	
				APPA B&F Conference vehicle	0	401.2	1	415		121.80	
									Total for Check/Tran - 69316:		454.80
									Total for Bank Account - 1 :	(193)	6,048,692.96
									Grand Total :	(193)	6,048,692.96

Accounts Payable
Check Register

PARAMETERS ENTERED:

Check Date:	08/01/2025 To 08/31/2025
Bank:	All
Vendor:	All
Check:	
Journal:	All
Format:	GL Accounting Distribution
Extended Reference:	No
Sort By:	Check/Transaction
Voids:	None
Payment Type:	All
Group By Payment Type:	No
Minimum Amount:	0.00
Authorization Listing:	No
Credit Card Charges:	No

Agenda Item 2 & 4:

Discussion on Integrated Resource Plan Update and Wholesale Power

Board Meeting September 24,2025

Wholesale Power and Integrated Resource Plan Update

SEPTEMBER 2025

POWER PURCHASES

Power Purchases	Power Purchases (PP)Cost					
		PP Budget ($)	PP Actual Cost ($)	PP Accrual ($)	Actual +/- Budget	Budget to Actuals (+/-)
	Q1	3,348,807	3,280,157	3,642,784	-2%	(68,650)
	Q2	2,976,687	2,286,554	2,433,024	-23%	(690,133)
	July	1,407,275	1,797,903	1,353,718	28%	390,628
	*Aug	1,138,586	1,741,300	1,808,773	53%	602,714
	Sep	849,925				(849,925)
	Q3	3,395,785				
	Q4	3,804,694	-	-		
	PTD	8,871,355	9,105,914	9,238,299	3%	234,559
	YTD	13,525,973	7,364,614	7,429,526	-46%	(6,161,359)

**August bills are not final until the 25th*

NATURAL GAS PURCHASES

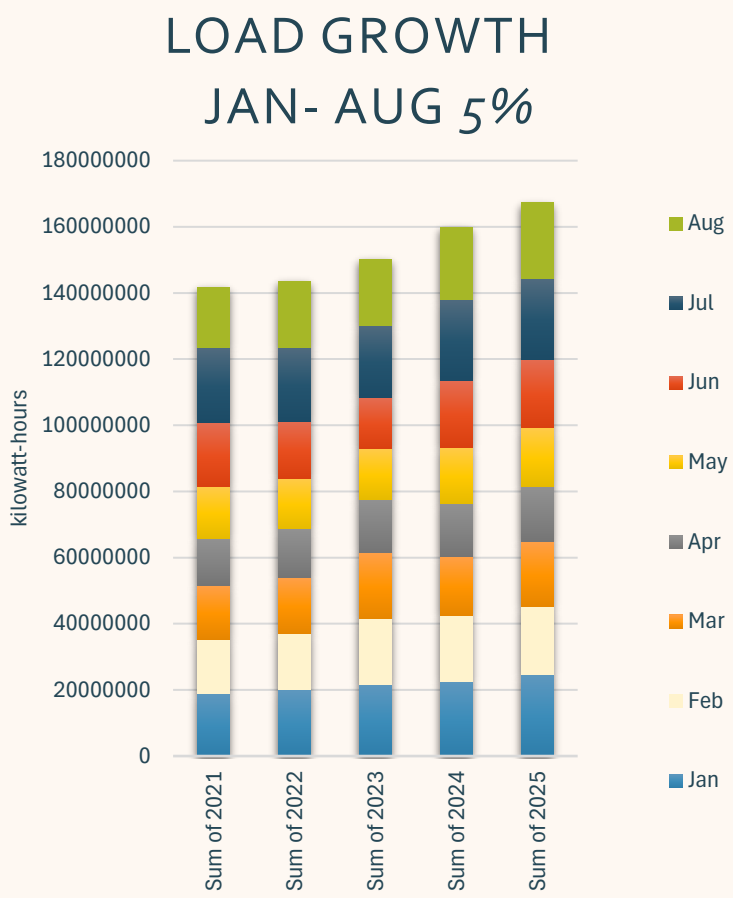
Natural Gas	Natural Gas (NG) Cost					
		NG Budget ($)	NG Actuals ($)	NG Accrual ($)	Actual +/- Budget	Budget to Actuals (+/-)
	Q1	619,769	293,942	310,645	-53%	(325,826)
	Q2	512,173	260,524	339,125	-49%	(251,649)
	July	212,350	66,316	7,907	-69%	(146,035)
	Aug	207,235	68,543	43,974	-67%	(138,692)
	Sep	112,019				-
	Q3	531,605				-
	Q4	614,288	-	-		
	PTD	1,344,292	620,782	657,677	-54%	(723,510)
	YTD	2,277,835	620,782	657,677	-73%	(1,657,053)

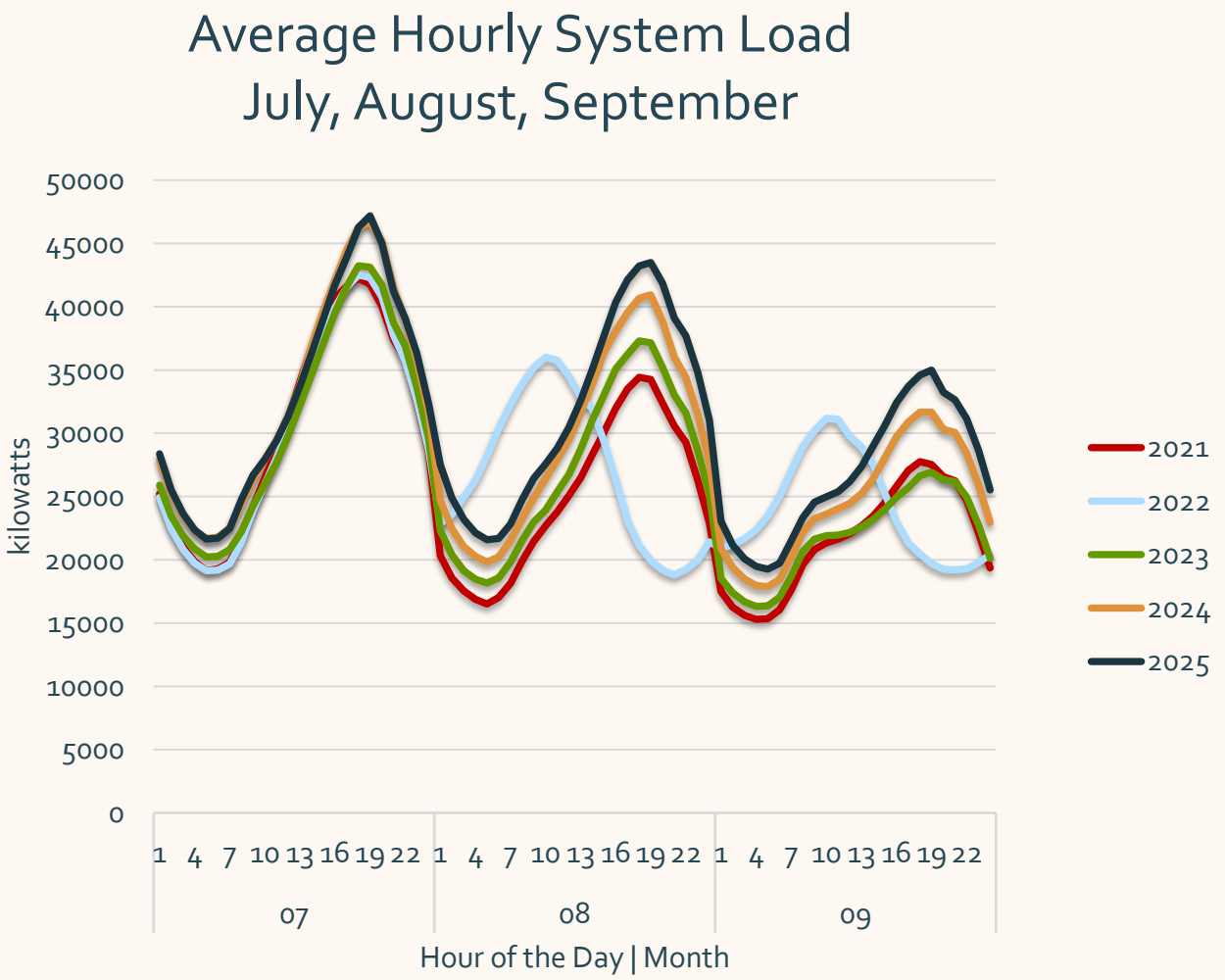
TOTAL COST OF POWER

Total Cost of Power

Total Cost of Wholesale Power (WP) (Power Purchases + Natural Gas)					
	WP Budget ($)	WP Actuals ($)	WP Accrual ($)	Actual +/- Budget	Budget to Actuals (+/-)
Q1	3,968,575	3,574,099	3,953,429	-10%	(394,476)
Q2	3,488,860	2,547,078	2,772,148	-27%	(941,782)
Jul	1,619,625	1,864,218	1,361,625	15%	244,593
Aug	1,345,821	1,809,842	1,852,747	34%	464,021
Sep	961,944	-			-
Q3	3,927,390				-
Q4	4,418,982	-	-		
PTD	10,422,882	9,795,238	9,939,950	-6%	(627,644)
YTD	15,803,808	7,985,396	8,087,203	-49%	(7,818,412)

SYSTEM LOAD


LOAD GROWTH
JAN- AUG 5%
kilowatt-hours
180000000
160000000
140000000
120000000
100000000
80000000
60000000
40000000
20000000
0
Sum of 2021
Sum of 2022
Sum of 2023
Sum of 2024
Sum of 2025
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Average Hourly System Load
July, August, September
kilowatts
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
1 4 7 10 13 16 19 22 1 4 7 10 13 16 19 22 1 4 7 10 13 16 19 22
07
08
09
Hour of the Day | Month
2021
2022
2023
2024
2025

IRP SURVEY

PRIORITIES

- ❑ Keeping costs low
- ❑ Ensuring reliability
- ❑ Increasing renewables
- ❑ Reducing environmental impacts
- ❑ Supporting local jobs/economy

RESOURCE MIX

How Important are Renewables?

RENEWABLE

Current renewable goal is 30%

Would you like to see a higher goal even if it means higher rates?

CUSTOMER PROGRAMS

Would you support programs that encourage customers to shift usage to off-peak?

RATE DESIGN

Have you purposely adjusted your energy usage because of time-of-use rates and/or demand charges?

Agenda Item 3: Discussion and Approval on Capital Plan

Board Meeting September 24,2025

Heber Light & Power - Five Year Forecast and Capital Improvement Plan

Upcoming Projects	Projected Cost ($1,000) Prior	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	*Total*	Impact Fee Related %	Impact Fee Related $	Capacity Additions
Buildings															
New Office Building - Phase 1 (Building)	7,063	11,188	-	-	-	-	-	-	-	-	-	***18,251***	43%	**7,848**	0
Plant Analysis Fallouts	-	140	-	-	-	-	-	-	-	-	-	***140***	0%	**-**	0
Generator Fire Suppression System	1,526	-	1,150	-	-	-	-	-	-	-	-	***2,676***	0%	**-**	0
College Substation Perimeter Xeroscaping	-	10	-	750	-	-	-	-	-	-	-	***760***	0%	**-**	0
New Office Building - Phase 2 (Current Campus Modifications)	-	-	1,050	-	-	-	-	-	-	-	-	***1,050***	0%	**-**	0
New Communications Building	-	100	100	-	-	-	-	-	-	-	-	***200***	0%	**-**	0
Southfield Substation Landscaping CUP Adherence	-	-	-	-	-	-	1,200	-	-	-	-	***1,200***	0%	**-**	0
Plant 2/3 Wiring Upgrade	-	25	450	-	-	-	-	-	-	-	-	***475***	0%	**-**	0
Tool Room Relocation	-	35	-	-	-	-	-	-	-	-	-	***35***	0%	**-**	0
Plant Equipment Relocation Electrical Upgrades	-	-	8	-	-	-	-	-	-	-	-	***8***	0%	**-**	0
Plant Air Line Upgrades	-	-	10	-	-	-	-	-	-	-	-	***10***	0%	**-**	0
Lake Creek Access Road	-	-	10	-	-	-	-	-	-	-	-	***10***	0%	**-**	0
Plant 2 Roof	-	-	30	-	-	-	-	-	-	-	-	***30***	0%	**-**	0
Fleet Maintenance Configuration	-	-	150	150	-	-	-	-	-	-	-	***300***	0%	**-**	0
New Office Building - Phase 3 (Site)	-	-	-	1,200	-	-	-	-	-	-	-	***1,200***	43%	**516**	0
	8,589	*11,498*	*2,958*	*2,100*	-	-	*1,200*	-	-	-	-	***26,345***		**8,364**	0
Generation															
Annual Generation Capital Improvements	-	50	50	50	50	50	50	50	50	50	50	***500***	0%	**-**	0
Lower Snake Creek Plant Upgrade	-	5	5	5	5	5	5	5	5	5	5	***50***	0%	**-**	0
Upper Snake Creek Capital Improvements	-	25	5	5	5	5	5	5	5	5	5	***70***	0%	**-**	0
Lake Creek Capital Improvements	-	5	25	5	5	5	5	5	5	5	5	***70***	0%	**-**	0
Lower Snake Creek Penstock	-	250	-	-	-	-	-	-	-	-	-	***250***	100%	**250**	0
Lake Creek Bearing Replacement	-	-	-	20	-	-	-	-	-	-	-	***20***	100%	**20**	0
Hydro Plant Battery Replacement	-	20	5	15	-	-	-	-	-	-	-	***40***	100%	**40**	0
Power Plant Cooling and Plumbing Upgrades	-	-	160	-	-	-	-	-	-			***160***	100%	**160**	0
Unit Overhauls	-	250	425	250	250	500	-	-	-	-	-	***1,675***	0%	**-**	0
Plant 2 Switchgear Upgrade	-	-	1,300	-	-	-	-	-	-	-	-	***1,300***	0%	**-**	0
New Generation (Battery, Engine)	-	-	4,400	-	-	-	-	-	-	-	-	***4,400***	100%	**4,400**	8,000
Plant Hydraulic System Upgrade	-	50	50	-	-	-	-	-	-	-	-	***100***	0%	**-**	0
Hap Guard Sensor Replacements	-	-	30	-	-	-	-	-	-	-	-	***30***	0%	**-**	0
Unit 1 Turbo Replacement	-	-	85	-	-	-	-	-	-	-	-	***85***	0%	**-**	0
Plant 3 Stack and Beam Painting	-	-	-	-	-	25	-	45	-	-	-	***70***	0%	**-**	0
Plant 2 Hillyard Installs	-	-	65	-	-	-	-	-	-	-	-	***65***	0%	**-**	0
Plant 2 Space Heater Installations	-	-	10	-	-	-	-	-	-	-	-	***10***	0%	**-**	0
Plant 1 Replacement	-	1,000	17,000	13,000	2,500	2,500	2,500	-	-	-	-	***38,500***	100%	**38,500**	15,000
	-	*1,655*	*23,615*	*13,350*	*2,815*	*3,090*	*2,565*	*110*	*65*	*65*	*65*	***47,395***		**43,370**	23,000
Substations															
Southfield Substation	22,532	-	-	-	-	9,000	-	-	-	-	-	***31,532***	70%	**22,072**	100,000
Replacement Recloser for Joslyn Reclosers (Charleston)	-	25	-	-	-	-	-	-	-	-	-	***25***	0%	**-**	0
Gas Plant 2 XFMR Upgrade and Substation Rebuild	-	2,000	-	3,720	-	-	-	-	-	-	-	***5,720***	0%	**-**	7,500
Heber Relay Upgrade	-	-	-	30	35	-	-	-	-	-	-	***65***	0%	**-**	0
Heber Battery Replacement	-	-	7	-	-	-	-	-	-	-	-	***7***	0%	**-**	0
Jailhouse Fence Replacement	-	-	50	350	-	-	-	-	-	-	-	***400***	0%	**-**	0
Cloyes Relay Upgrade	-	36	-	-	-	-	-	-	-	-	-	***36***	0%	**-**	0
College Relay Upgrade	-	-	60	-	-	-	-	-	-	-	-	***60***	0%	**-**	0
Midway Substation - High Side Rebuild & 138kV Conversion	-	-	2,400	3,000	-	-	-	-	-	-	-	***5,400***	90%	**4,860**	15,000
Gas Plant 1 Interconnection to Heber Substation	-	-	-	200	500	-	-	-	-	-	-	***700***	100%	**700**	0
East Substation Land Purchase	-	3,000	-	-	-	-	-	-	-	-	-	***3,000***	100%	**3,000**	0
Cloyes LTC Rebuild	-	-	-	-	-	-	40	-	-	-	-	***40***	0%	**-**	0
Capacitor Control Replacement	-	-	12	-	-	-	-	-	-	-	-	***12***	0%	**-**	0
North Dam POD Substation	-	2,850	-	5,000	10,000	-	-	-	-	-	-	***17,850***	100%	**17,850**	100,000
Daniels Canyon Substation	-	500	1,000	3,500	2,228	5,772	2,772	-	-	-	-	***15,772***	100%	**15,772**	40,000
	22,532	*8,411*	*3,529*	*15,800*	*12,763*	*14,772*	*2,812*	-	-	-	-	***80,619***		**64,254**	

Heber Light & Power - Five Year Forecast and Capital Improvement Plan

Upcoming Projects	Projected Cost ($1,000) Prior	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	*Total*	Impact Fee Related %	Impact Fee Related $	Capacity Additions
Lines															
Underground System Improvements	-	275	289	290	290	290	290	290	290	290	290	***2,884***	0%	**-**	0
Aged & Environmental Distribution Replacement/Upgrade	-	220	231	250	250	250	250	250	250	250	250	***2,451***	0%	**-**	0
Fault Indicator - Underground System	-	10	10	10	10	10	10	10	10	10	10	***100***	0%	**-**	0
Annexation Asset Purchase	-	25	25	25	25	25	25	25	25	25	25	***250***	100%	**250**	0
ROW Purchases	-	300	1,000	500	-	-	-	-	-	-	-	***1,800***	0%	**-**	0
Heber Substation Additional Circuits (South & West)	-	300	1,150	-	-	-	-	-	-	-	-	***1,450***	100%	**1,450**	13,000
Tie line from 305 to 402 to 303	-	175	175	-	-	-	-	-	-	-	-	***350***	100%	**350**	5,000
Rebuild PR201_Main Street to Burgi Lane	771	-	700	-	-	-	-	-	-	-	-	***1,471***	100%	**1,471**	12,000
Fire Mitigation - Single Phase Reclosers	-	45	180	-	-	-	-	-	-	-	-	***225***	0%	**-**	0
Provo River Substation Get Aways Reconnect to New Site	350	1,200	750	-	-	-	-	-	-	-	-	***2,300***	100%	**2,300**	0
Additional Circuits out of Jailhouse to the East	-	-	-	300	-	-	-	-	-	-	-	***300***	100%	**300**	13,000
Additional Circuits out of College to South and East	-	204	350	1,000	-	-	-	-	-	-	-	***1,554***	100%	**1,554**	13,000
College to Heber Circuit Network Upgrades	-	250	250	250	250	-	-	-	-	-	-	***1,000***	100%	**1,000**	10,000
Tie 502 to 505	-	200	400	-	-	-	-	-	-	-	-	***600***	100%	**600**	5,000
Load to Parsons (Reconductor)	-	-	-	200	-	-	-	-	-	-	-	***200***	0%	**-**	3,000
Reconductor Heber City Main 600 S to 1000 S	-	-	-	200	-	-	-	-	-	-	-	***200***	100%	**200**	5,000
Midway Substation - Get Aways	-	-	-	200	-	-	-	-	-	-	-	***200***	50%	**100**	2,000
Airport Road Rebuild & Loop	-	250	1,000	-	-	-	-	-	-	-	-	***1,250***	100%	**1,250**	5,000
Reconductor JH502/503_Old Mill Drive - 800 South to 1200 South	-	-	-	750	-	-	-	-	-	-	-	***750***	100%	**750**	8,000
New Circuit to Hwy 32	-	-	-	-	1,000	-	-	-	-	-	-	***1,000***	100%	**1,000**	0
Jailhouse Tap Transmission Line and Daniels Canyon Substation	-	-	-	1,000	2,900	-	-	-	-	-	-	***3,900***	100%	**3,900**	9,500
Reconductor MW101/102 from 4/0 to 477	-	-	-	-	938	-	-	-	-	-	-	***938***	100%	**938**	6,000
Reconductor Pine Canyon Road - Midway	-	-	-	-	-	250	-	-	-	-	-	***250***	60%	**150**	0
Reconductor Jailhouse to Timber Lakes (Regulators)	-	15	-	1,000	-	-	-	-	-	-	-	***1,015***	100%	**1,015**	0
Rebuild CL402_600 West to Tate Lane	-	-	-	-	-	1,296	-	-	-	-	-	***1,296***	100%	**1,296**	6,400
Reconductor Heber Sub to New High School	-	-	200	-	-	-	-	-	-	-	-	***200***	75%	**150**	0
Feeder Reliability Improvement	-	-	189	189	189	378	378	378	-	-	-	***1,701***	0%	**-**	0
2034 Olympic Winter Games Impacts	-	-	-	-	-	-	-	-	-	-	-	**-**	100%	**-**	0
	1,121	*3,469*	*6,899*	*6,164*	*5,852*	*2,499*	*953*	*953*	*575*	*575*	*575*	***29,635***		**17,413**	115,900
Information Technology															
Annual IT Upgrades	-	235	85	85	85	85	85	85	85	85	85	***1,000***	0%	**-**	0
- Computer/Server/Equipment Replacements	-	135	85	85	85	85	85	85	85	85	85	***900***	0%	**-**	0
- Fiber Upgrade 2025	-	100	-	-	-	-	-	-	-	-	-	***100***	0%	**-**	0
Annual OT Upgrades	-	180	180	180	180	300	30	30	30	35	30	***1,175***	0%	**-**	0
Smart Grid Investment	-	10	10	10	10	10	10	10	10	10	10	***100***	0%	**-**	0
AMI Tower - North Village	-	-	70	70	-	-	-	-	-	-	-	***140***	100%	**140**	0
	-	*660*	*430*	*430*	*360*	*480*	*210*	*210*	*210*	*215*	*210*	***2,415***		**5,830**	
Tools and Equipment															
Annual Tool & Equipment Purchases	-	*670*	*696*	*90*	-	-	-	-	-	-	-	***1,456***	0%	**-**	0
Metering	-	-	-	-	-	-	-	-	-	-	-	**-**	0%	**-**	0
Substations	-	10	-	60	-	-	-	-	-	-	-	***70***	0%	**-**	0
Distribution	-	425	205	-	-	-	-	-	-	-	-	***630***	0%	**-**	0
Generation	-	75	111	30	-	-	-	-	-	-	-	***216***	0%	**-**	0
Fleet	-	160	100	-	-	-	-	-	-	-	-	***260***	0%	**-**	0
Facilities	-	-	280	-	-	-	-	-	-	-	-	***280***	0%	**-**	0
Vehicles															
Annual Vehicle Program	-	740	925	400	1,665	175	600	675	150	480	765	***6,575***	0%	**-**	0
Fleet Vehicle	-	100	165	150	225	175	-	375	150	100	85	***1,525***	0%	**-**	0
Line/Bucket Truck	-	600	-	-	300	-	600	300	-	-	300	***2,100***	0%	**-**	0
Service Truck	-	-	760	-	1,140	-	-	-	-	380	380	***2,660***	0%	**-**	0
Generation Service Truck with Crane	-	-	-	250	-	-	-	-	-	-	-	***250***	0%	**-**	
Trailer	-	40	-	-	-	-	-	-	-	-	-	***40***	0%	**-**	0
Annual Metering	-	114	114	114	114	114	114	114	114	114	114	***1,140***	0%	**-**	0
Capital Project Subtotals	32,242	**27,217**	**39,166**	**38,448**	**23,569**	**21,130**	**8,454**	**2,062**	**1,114**	**1,449**	**1,729**	***194,440***	**-**	**139,231**	138,900

Agenda Item 5: Using CIAC Funds For Purchase of Real Property Resolution 2025-04

Board Meeting September 24,2025

HEBER LIGHT & POWER COMPANY
BOARD RESOLUTION NO. 2025-__

RESOLUTION APPROVING THE TRANSFER OF A PORTION OF FUTURE BOND PROCEEDS TO THE CONTRIBUTION IN AID OF CONSTRUCTION ACCOUNT

WHEREAS the Heber Light & Power Company ("Company") is an energy services interlocal entity providing electric service to customers within its member municipalities and surrounding areas.

WHEREAS the Company from time to time receives funds from customers, developers, or other third parties to pay for new utility facilities, upgrades, or line extensions that directly benefit the person or entity contributing the funds and these funds are referred to as "contribution in aid of construction" or "CIAC" and these amounts are treated as restricted net position until spent.

WHEREAS the Company used CIAC funds for the acquisition of real property for the construction of a future substation that will be necessary to serve significant new growth in the northern portion of the Company's service area.

WHEREAS the Company anticipates issuing bonds in the future to pay for significant capital projects required to provide reliable and economical electric service to the Company's customers and the Company desires to use future bond proceeds to reimburse the CIAC account for the cost of the substation property, which allows the Company to

WHEREAS the Company desires to transfer from future bond proceeds to the CIAC account the amount of $3,100,435.00, which is the amount of the property acquisition cost referenced above.

WHEREAS the acquisition cost for the substation parcel was included in the anticipated financing amount described in Resolution 2025-3, adopted by the Board on May 28, 2025.

NOW THEREFORE, BE IT RESOLVED BY BOARD OF DIRECTORS OF HEBER LIGHT & POWER COMPANY AS FOLLOWS:

1. The Board hereby ratifies the use of CIAC funds for the acquisition of the future substation parcel.

2. The Board hereby authorizes the transfer of up to $3,100,435.00 from future bond proceeds to the Company's CIAC account upon the completion of a future bond financing.

3. Company management is hereby authorized to take such additional actions reasonably required to accomplish the intent of this resolution.

APPROVED AND ADOPTED the 24th day of September 2025.

HEBER LIGHT & POWER COMPANY

_____
Heidi Franco, Board Chair

Attest:

_____
Rylee Allen, Board Secretary

Agenda Item 6:Fremont Solar PPA Project Transition Schedule- Resolution 2025-05

Board Meeting September 24,2025

Fremont Solar + Battery PPA

TO	Resource Project PMC
FROM	UAMPS Staff
DATE	September 12, 2025
SUBJECT	PPA Talking Points

What is the Resource?

The **Fremont Solar Project** consists of a **99 MWac solar photovoltaic generation facility** coupled with a **49.5 MW / 198 MWh battery energy storage system (BESS)** located in **Iron County, Utah**. The combined project will deliver clean energy and grid flexibility through solar generation and four-hour battery dispatch capability. This resource was **identified in the UAMPS 2024 Resource Procurement Plan** as a planned generating resource. We are now executing on the procurement plan.

How is UAMPS Contracting for the Resource?

UAMPS is entering into a **25-year Solar + Battery PPA** with Fremont Solar, LLC on behalf of participating members. This is structured through the **Master Firm Power Supply Agreement**, with a dedicated transaction schedule for the Fremont Solar PPA Project.

What is the Term of the Agreement?

- **25-year contract term**, beginning on the **Commercial Operation Date (COD)** of both the solar and battery systems.
- COD is expected by **December 31, 2027**, with guaranteed delivery by **June 30, 2028.**

Who is the Developer?

The project is being developed by **Longroad Energy**, a highly experienced independent power producer with a strong track record in renewable energy development and operations across the U.S.

What if the Project Is Delayed?

- The agreement includes **Delay Damages** of:
  - **$21,970/day** for delays in battery COD.
  - Additional provisions for solar delays between **$17,643 and 57,582/day** (see Exhibit 12).
- Cumulative delay damages are capped at the amount of the **Development Security**.
- If delays extend beyond the "Outside COD" (including up to 180 days of force majeure), either party may terminate the agreement.

What is the Pricing?

- **Solar Energy Price**: **$35.45/MWh** (flat, no escalation) – includes RECs and environmental attributes.
- **Battery Capacity Price**: **$13.50/kW-month** (plus potential tariff-related adjustments, capped at $14.14/kW-month).
- Payment includes **fixed battery capacity payments** and **solar energy payments** (based on measured MWh).

What Are the Benefits of the Battery?

- Provides **4-hour discharge at full capacity (198 MWh)**.
- Enables **load-shifting**, peak-shaving, and enhanced resource adequacy.
- UAMPS (as Buyer) controls the charging and discharging via real-time AGC Set-Points.
- Guarantees:
  - **BESS Capacity**
  - **Availability**
  - **Ramp Rate**
  - **Round Trip Efficiency**
- Liquidated damages apply for any underperformance based on guarantees (Exhibits 10, 14, 15).

How Are Curtailments Managed?

- The PPA includes provisions to manage **transmission or economic curtailments**.
- Economic curtailments between solar COD and battery COD, up to **198 MWh/day,** may occur without compensation during shoulder months.

What Happens If Participants Drop Out?

- Full subscription by UAMPS participants is required for the agreement to become effective.
- If not 100% subscribed within 135 days of execution, the project may be downsized or terminated (Section 3.4).

What Environmental and Educational Benefits Are Included?

- Includes delivery of all **RECs** (Renewable Energy Credits) to members.
- A **Scholarship Program** is included: $10,000/year for high school seniors from UAMPS communities pursuing studies related to renewable energy (Section 12.21).

Why Now?

- **IRA incentives**, current **solar and battery supply chain certainty**, and **project viability** support executing this PPA now. The **IRA tax credits will be discontinued** under the One Big Beautiful Bill Act (OBBBA). Future solar PPA pricing is expected to increase as a result.
- Delay risks or rejection could mean a **5+ year setback** with higher costs and fewer viable alternatives due to interconnection backlogs and price inflation.

Fremont Solar + Battery PPA

TO	Resource Project PMC
FROM	UAMPS Staff
DATE	September 12, 2025
SUBJECT	PPA Executive Summary

Overview of the Agreement

The Power Purchase Agreement (PPA) is between Fremont Solar, LLC and UAMPS. This PPA outlines the terms and conditions under which UAMPS (the Buyer) will purchase energy products from Fremont Solar, LLC (the Seller), which plans to develop, own, and operate a combined 99 MW solar photovoltaic (PV) facility and 49.5 MW/198 MWh battery energy storage system (BESS) in Iron County, Utah. The project is collectively referred to as the Fremont Solar Project.

The agreement sets a 25-year delivery term from the Commercial Operation Date, during which UAMPS will purchase all energy and related products produced by the project, including Renewable Energy Credits (RECs) and capacity rights.

Key Project Features

Solar Facility

Capacity: 99 MW
- Energy Rate: $35.45/MWh (fixed, no escalation)
- Commercial Operation Date Target: By December 31, 2027, with a final deadline of June 30, 2028

Battery Facility

Capacity: 49.5 MW, 4-hour duration (198 MWh)
- Battery Rate: Between $13.50/kW-month and a max of $14.14/kW-month depending upon the additional tariff impact after January 1, 2025. (fixed, no escalation)
- Performance Guarantees: minimum round-trip efficiency, availability, ramp rate, and capacity retention

Combined Cost

Combined Energy and Battery Rate: Between approximately $69/MWh and $74/MWh depending upon the degradation of solar and BESS through the life of the contract.

Commercial and Financial Terms

PV Energy is sold at the fixed price and delivered at a designated metering point. BESS Product includes stored energy delivery and capacity, compensated via monthly payments. Lost Production due to UAMPS-caused economic curtailments is paid at the PV rate. Lost Production as a result of transmission curtailment prior to Designated Network Resource status is paid at the PV rate.

Delay Damages apply for late COD of PV and BESS facilities. Performance Damages apply for underperformance. Cumulative delay damages are capped.

Scheduling, Operation, and Metering

UAMPS will act as the Scheduling Coordinator, with exclusive rights to dispatch the BESS and to receive all project energy and associated benefits. SCADA and metering systems must enable real-time monitoring and control.

Risk Allocation and Force Majeure

Includes force majeure provisions and options to extend deadlines or terminate the agreement due to tariff changes.

Regulatory and Legal Provisions

Seller retains tax benefits; Buyer receives RECs. Compliance with CRS Listing and California RPS required. Environmental and capacity attributes are transferred to the Buyer.

Assignment, Step-In, and Default Remedies

Includes rights for UAMPS to step in, terminate for default or missed deadlines, and pursue remedies.

Exhibits and Supporting Materials

Includes project description, schedules, metering and SCADA specs, performance test protocols, and legal forms including a form of limited assignment for participation in a prepay.

Conclusion

This PPA ensures clean, dispatchable solar energy for UAMPS participants through a well-structured framework with clear performance metrics, risk-sharing terms, and legal protections.

RESOLUTION NO. ___5__

A RESOLUTION AUTHORIZING THE FREMONT SOLAR PPA PROJECT TRANSACTION SCHEDULE UNDER THE MASTER FIRM POWER SUPPLY AGREEMENT WITH UTAH ASSOCIATED MUNICIPAL POWER SYSTEMS; AND RELATED MATTERS.

***** ***** *****

WHEREAS, Heber Light & Power (the *"Member"*) owns and operates a utility system for the provision of electric energy to its residents and others (the *"System"*) and is a member of Utah Associated Municipal Power Systems (*"UAMPS"*) pursuant to the provisions of the Utah Associated Municipal Power Systems Amended and Restated Agreement for Joint and Cooperative Action dated as of March 20, 2009, as amended (the *"Joint Action Agreement"*);

WHEREAS, the Member desires to purchase all or a portion of its requirements for electric power and energy from or through UAMPS and has entered into a Power Pooling Agreement with UAMPS to provide for the efficient and economic utilization of its power supply resources;

WHEREAS, the Member has previously entered into the Master Firm Power Supply Agreement with UAMPS in order to allow for UAMPS entering into various firm transactions for the purchase and sale of firm supplies of electric power and energy;

WHEREAS, UAMPS has investigated the Fremont Solar PPA Project, a 99 megawatt (MW) solar photovoltaic generation facility and a 49.5 MW battery storage system located in Iron County, Utah, on behalf of its members and is now prepared to enter into a 25 year power purchase agreement with Fremont Solar, LLC to secure the delivery of all the energy from the Project and associated environmental attributes; and

WHEREAS, the Member now desires to authorize and approve the Fremont Solar Transaction Schedule ("Transaction Schedule") attached hereto as Exhibit A for the Project subject to the parameters set forth in this Resolution.

NOW, THEREFORE, BE IT RESOLVED by the Board of Heber Light & Power as follows:

Section 1. Authorization of Fremont Solar Transaction Schedule. The Transaction Schedule, in substantially the form presented at the meeting at which this resolution is adopted, is hereby authorized and approved, and the Member Representative is hereby authorized, empowered and directed to execute and deliver the Transaction Schedule on behalf of the Member. If additional subscription becomes available, Member Representative may approve an adjustment to the Member's kW subscription up to ____ total subscription, in which case a revised Transaction Schedule reflecting the increase will be prepared for signature. Promptly upon its execution, the Transaction Schedule shall be filed in the official records of the Member.

Section 2. Other Actions. The Chairman, Secretary, Member Representative and other officers and employees of the Member shall take all actions necessary or reasonably required to carry out, give effect to, and consummate the transactions contemplated hereby and shall take all actions necessary to carry out the execution and delivery of the Transaction Schedule and the performance thereof.

Section 3. Miscellaneous; Effective Date. (a) All previous acts and resolutions in conflict with this resolution or any part hereof are hereby repealed to the extent of such conflict.

(b) In case any provision in this resolution shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

(c) This resolution shall take effect immediately upon its adoption and approval.

ADOPTED AND APPROVED this _____ day of _____, 2025

HEBER LIGHT & POWER

_____
Chair

ATTEST AND COUNTERSIGN:

_____
Secretary

[SEAL]

EXHIBIT A
FREMONT SOLAR PROJECT TRANSACTION SCHEDULE

FREMONT SOLAR PROJECT
FIRM POWER SUPPLY AGREEMENT
TRANSACTION SCHEDULE

This Transaction Schedule to the Master Firm Power Supply Agreement (together, the "Agreement") sets forth the agreement of the Parties with respect to transaction described below through the UAMPS Firm Power Supply Project.

PURCHASER:	Heber Light & Power (the "Participant").
ENTITLEMENT SHARE:	2.0202% of UAMPS' rights, interests and obligations under the PPA described below (the "Entitlement Share"). The Entitlement Share represents 2,000 kW of the expected Project output and associated Environmental Attributes acquired by UAMPS under the PPA.
SUPPLIER:	Fremont Solar, LLC (the "Supplier").
PROJECT:	The Fremont Solar Project (the "Project") is a to-be-constructed 99 MW solar photovoltaic generation facility ("PV Facility") and a 49.5 MW battery energy storage system ("BESS") located in Iron County.
PPA:	The Power Purchase Agreement dated as of September 12, 2025 (the "PPA") by and between UAMPS and the Supplier with respect to the Project.
EFFECTIVE DATE:	The PPA becomes effective upon UAMPS obtaining sufficient Participant governing body approvals for the purchase of all of the output and attributes it acquires under the PPA. UAMPS anticipates satisfying these conditions within 60 days of executing the PPA.
TERM:	A 25-year delivery term commencing on COD.
PRICE:	$35.45 per MWH for PV facility and the sum of (i) $13.50/kW-month, and (ii) the Incremental BESS Tariff Cost divided by $1,000,000 and multiplied by $0.08/kW-month, rounded to the closest $0.01/kW-month, each with no escalation; provided that if the sum of (i) and (ii) exceeds the BESS Price Cap, then the BESS Price shall equal the BESS Price Cap for BESS.
COD:	The Scheduled Commercial Operation Date of the Project ("COD") is December 31, 2027. COD may not occur earlier than June 1, 2027 or later than June 30, 2028 except as specified under the PPA.
OTHER PROVISIONS:	
Energy:	UAMPS will schedule all energy pursuant to the terms and conditions of the PPA and will deliver to the Purchaser its Entitlement Share from the Project.
Transmission:	UAMPS will charge and the Purchaser will pay transmission charges as adopted by the UAMPS Board of Directors from time to time.

Administration: UAMPS will charge and the Purchaser will pay the scheduling fee and reserve fee as adopted by the UAMPS Board of Directors from time to time.

Default: The failure of Purchaser to pay any amount when due under the Agreement within three business days of written notice from UAMPS shall constitute a default by the Participant. Upon the occurrence of any such default, UAMPS may (a) cease and discontinue delivery of the energy and attributes of Participant's Entitlement Share but the Participant shall remain responsible for the payment of all costs and expenses allocable to its Entitlement Share and (b) will pursue any remedy available to UAMPS at law or in equity.

Step-Up: Upon a default by a Participant, UAMPS shall have the right to terminate the defaulting Participant's Entitlement Share and immediately reallocate it among the non-defaulting Participants in proportion to their existing Entitlement Shares; *provided that* no Participant's Entitlement Share may be increased by more than 25% as a result of such reallocation. The Project Management Committee shall provide direction to UAMPS with respect to the reallocation of a defaulting Participant's Entitlement Share, the disposition of reallocated Entitlement Share that may be surplus to the requirements of non-defaulting Participants, the continued "qualified use" of reallocated Entitlement Share and such other matters as it shall deem necessary.

Other: Any costs incurred by UAMPS due solely to this Agreement, including but not limited to the PPA costs, transmission costs, scheduling costs, administrative costs and legal costs will be the responsibility of the Purchasers based on their respective Entitlement Shares and invoiced through the UAMPS Power Bills.

The Participant further covenants to and agrees with UAMPS as follows:

(a) *Maintenance of Rates.* The Participant shall establish, maintain, revise, charge and collect rates for electric service rendered by it to its customers so that such rates shall provide revenues which, together with other funds reasonably estimated to be available, will be sufficient to meet the Participant's obligations to UAMPS under this Agreement, to pay all other operating expenses of the Participant's electric system and to provide revenues sufficient to pay all obligations of the Participant payable from, or constituting a charge or lien on, the revenues of its electric system.

(b) *Maintenance of Revenues*. The Participant shall promptly collect all charges due for electric utility services supplied by it as the same become due. The Participant shall at all times maintain and shall exercise commercially reasonable efforts to enforce its rights against any person, customer or other entity that does not pay such charges when due.

(c) *Sale or Assignment of Electric System or this Agreement*. The Participant shall not assign this Agreement except upon the prior written approval of UAMPS given upon the direction of the Project Management Committee."

(d) *Prudent Utility Practice*. The Participant shall, in accordance with prudent utility practice, (i) at all times operate its electric system and the business thereof in an efficient manner, (ii) maintain its electric system in good repair, working order and condition, (iii) from time to time

make all necessary and proper repairs, renewals, replacements, additions, betterments and improvements with respect to the electric system, so that at all times the business thereof shall be properly conducted, and (iv) duly perform its obligations under all power supply and transmission service agreements to which it is a party.

(e) *Operating Expenses*. The payments to be made by the Participant under this Agreement shall be payable as (i) a cost of purchased electric power and energy (ii) an operating expense of the Participant's electric system and (iii) a first charge, together with all other operating expenses, on the revenues derived from the operation of the Participant's electric system. The Participant shall include the payments to be made under this Agreement as a cost of purchased electric power and energy and an operating expense (x) in the annual operating budget of its electric system and (y) in any future resolution, ordinance or indenture providing for the issuance of debt obligations payable from the revenues of the Participant's electric system.

(f) *Future Prepay; Qualified Use.* In the event that the Project Management Committee approves a future prepayment transaction with respect to the PPA and the Participant elects to participate in such transaction with respect to all or a portion of its Entitlement Share, the Participant agrees as follows:

(i) it shall sell the energy from its Entitlement Share to retail customers located in the established service area of its municipal electric utility pursuant to generally applicable and uniformly applied rate schedules or tariffs;

(ii) it shall provide such information and certificates as may be reasonably requested by UAMPS with respect to its electric utility and its past and projected loads and resources; and

(iii) it will comply with such additional instructions as may be provided by UAMPS in order to establish and maintain the tax-exempt status of the bonds issued to finance the prepayment.

This Transaction Schedule may be signed in counterparts.

Dated this _____ day of _____, 2025.

HEBER LIGHT & POWER	UTAH ASSOCIATED MUNICIPAL POWER SYSTEMS
By:_____	By:_____
Title:_____	Title:_____

Agenda Item 9: Strategic Planning Session

Board Meeting September 24, 2025

Heber Light & Power Company

General Safety Manual

31 South 100 West

Heber City, UT 84032

URLs noted in this manual were current as of early 2020.

Employee Signature Required

I _____, acknowledge receipt of this copy of Heber Light & Power's General Safety Program. I understand it is my duty to read, study and abide by these safety rules, work procedures and other Heber Light & Power policies and procedures that apply to my assigned tasks. I further understand failure to abide by these rules, work procedures and other Heber Light & Power policies could result in disciplinary action as determined by Heber Light & Power

_____

Signature of Employee

_____

Date

_____

Supervisor

General Information

Policy Statement

Heber Light & Power's Safety Program outlines the procedures Heber Light & Power employees shall follow to provide a safe and healthy workplace for all workers. This Safety Program complies with all applicable federal, state, and local safety and health rules and regulations. Heber Light & Power will develop, maintain, and administer a comprehensive safety and health program. The goal of the program is to establish a zero-incident culture. No operating condition or urgency of service can ever justify endangering the lives of workers. A safe environment can be developed with intelligence, cooperation, and adherence to a quality safety program. A successful safety program benefits our co-workers, customers, and the public.

Safety Is Second to Nothing

Heber Light & Power adopts, implements, and follows all UOSH regulations. Which meets or exceeds ~~specified in~~ 29 CFR 1910 & 1926. Following all ~~29 CFR OSHA~~UOSH ~~1910 & 1926~~UOSH regulations, and Heber Light & Power's policies, rules, work practices, and procedures by each employee is a condition of employment. Any employee who intentionally disregards Heber Light & Power's safety polices, rules, work methods, and procedures, or federal, state, and local regulations, will be subject to disciplinary action.

Heber Light & Power will ensure that supervisors inform employees under their supervision of any revisions to this safety program.

Scope

This safety program applies to all Heber Light & Power employees. No program can anticipate every possible issue that could arise when work is in progress. Heber Light & Power expects all employees to be alert and exercise good judgment in instances where issues arise that are not specifically covered by this program. All Heber Light & Power employees shall also follow all Heber Light & Power policies and codes.

This safety program is designed to achieve the following:

- Integrate safety into all Heber Light & Power operations.
- Provide safe working conditions, proper tools, equipment, and personal protective equipment for all workers.
- Train Heber Light & Power employees in the safe work practices of their jobs.
- Meet or exceed all applicable federal, state, and local regulations.

References

Utah Code Title 34A Chapter 6 Occupational Safety and Health Act. and 29 CFR Part 1910, "Occupational Safety and Health Standards"

Definitions

Accident: An unplanned event that causes injury or property damage.

Incident: An occurrence in which a worker sustains injury or could have been injured under slightly different circumstances.

Occupational disease: A disease or infection that arises naturally and proximately out of employment.

Preventable accident: An incident resulting from errors that were within the control of the

Commented [JR1]: Updated throughout

Formatted: Tab stops: 2.93", Left

employee, supervisor, or Heber Light & Power and could have been avoided.

Personal Conduct

All Heber Light & Power employees are required to conduct themselves in a professional and business-like manner. They are expected to show courtesy and consideration to co-workers, supervisors, customers, and the public. Engaging in practical jokes or horseplay while on duty is prohibited. Employees shall not distract another worker from their job unless it is certain that no danger will result. Any Heber Light & Power employee who violates these standards of personal conduct or unnecessarily jeopardizes their own or others' personal safety may be subject to disciplinary action."

Management's Responsibilities

Heber Light & Power's executive leadership team shall be committed to maintaining a strong safety culture by ensuring that a safety program, safety policies, safe work methods, and procedures are developed, maintained, and observed by all Heber Light & Power employees. A procedure shall be developed to ensure the executive leadership reviews Heber Light & Power's Safety Program and all incidents.

Human Resources Department Responsibilities

Heber Light & Power's Human Resources Department will maintain records of all reported accidents and injuries. It shall also maintain Heber Light & Power's ~~OSHA~~UOSH 300, 300A, and 301 forms.

Heber Light & Power must report all fatal accidents or in-patient hospitalization of Heber Light & Power employees to the ~~OSHA~~UOSH within eight (8) hours.

And any non-hospitalized amputation or loss of an eye due to an on-the-job injury within 24 hours. Federal ~~OSHA~~UOSH can be reached at (801) 530-6901 ~~1-900-321-6742~~ (~~OSHA~~UOSH), or by reporting online at www.~~osha~~UOSH.gov.

Commented [JR2]: Need UOSH # (801) 530-6901

Refer to 29 CFR ~~OSHA~~UOSH Subpart C, "Record Keeping and Reporting," for additional requirements.

Supervisor's Responsibilities

Supervisors shall be responsible for their own safety and the safety of their employees. Before assigning work to an employee, the supervisor shall ensure that the employee is qualified and fully trained to perform assigned tasks. The supervisor shall ensure that the employee knows and understands the proper safe work procedures, any hazards of the task, and what personal protective equipment is required to perform the assignment safely. It is the responsibility of the supervisor to ensure that each Heber Light & Power employee is kept updated on safety program revisions.

The supervisor shall oversee employee work performance and ensure all applicable safety procedures are observed. If unsafe conditions or acts are reported to or observed by the supervisor, immediate action must be taken to correct and eliminate any improper work practice through retraining.

All Heber Light & Power supervisors shall understand these rules and ensure that employees follow Heber Light & Power's safety program, safety policies, and safe work methods and procedures. All supervisors shall successfully complete a supervisor's safety training course within 90 days of beginning their position and shall complete annual refresher supervisor safety training. This training shall include the following, as applicable:

- Supervisor's responsibilities and accountability
- Supervisor's responsibilities for employee safety training
- Supervisor's responsibilities and accountability for enforcing Heber Light & Power's safety rules.
- Incident and accident reporting procedures
- Heber Light & Power's safety policies and procedures
- Job hazard analysis for Heber Light & Power worksites under their responsibility
- Hazard communication
- Industrial hygiene/environmental procedures
- Emergency procedures
- Forklift and material handling
- Walking and working surfaces, and housekeeping.
- Fire safety
- Safety meetings and safety committees
- Confined space
- PPE (personal protective equipment)
- Machine guarding
- Electrical safety
- Lockout/tagout procedures
- Office safety
- Security

Commented [JR3]:

Commented [JR4R3]: Please not this program can be customized to how you operate within your organization. Training such as OSHA 30 would meet most of the training requirements. In my opinion, the 90-day timeframe is a bit unrealistic

Employee Responsibilities

Each employee shall follow Heber Light & Power's safety program, safety policies, and safe work methods and procedures. Employees shall take responsibility and ownership of their own personal safety and the safety of others. Each employee shall:

- Perform all work in a safe manner.
- Understand how to access Heber Light & Power's safety program, safety policies, safe work methods, procedures, and other safety information.
- Attend, listen, and participate in safety meetings, safety training courses, job briefings, and other safety-related meetings.
- Be aware of your surroundings and vigilant of your own safety and that of your co-workers and the public.
- Understand that employees have the authority, without fear of reprimand or retaliation, to immediately stop any work activity they think may present a danger to themselves, their co-workers, or the public.

Each Heber Light & Power employee shall become thoroughly familiar with the contents of this safety program and take an active part in Heber Light & Power's overall safety program. Report any dangerous or improper conditions in Heber Light & Power's facilities to your supervisor or the Safety Department.

Before beginning an assigned task, you shall satisfy yourself that you know the proper safe work procedures, the hazards of the task, and which personal protective equipment is required to perform the task safely. If you believe anything about the work area is unsafe, you shall notify the person in charge or your supervisor of your concern. No employee will be reprimanded or penalized for reporting what they consider to be a possibly unsafe condition or hazard.

New-Employee Safety Orientation

New employees are required to participate in a safety orientation conducted by their immediate supervisor before starting their work. The supervisor will ensure that a copy of the 'New Employee Orientation' sign-in sheet is placed in the employee's training file. This document must be completed by both the employee and their supervisor before any work assignments are given.

Employee Training

Employees shall be trained in and familiar with all safety-related work practices and procedures that pertain to their respective job assignments. Employees shall be provided with the necessary training before being assigned to perform a specific task. The training shall include:

- How to properly perform the task.
- Information about the hazards involved with performing the task.
- The Personal Protective Equipment (PPE) required to perform the task.
- Applicable 29 CFR ~~OSHA~~UOSH 1910 regulations and Heber Light & Power rules associated with performing the task.

The employee must show proficiency in performing the task safely and correctly before the training is considered complete.

Employees who believe they lack the skills and knowledge to perform assigned tasks shall inform their immediate supervisor of their concern.

All Heber Light & Power qualified workers subject to the provisions of 29 CFR ~~OSHA~~UOSH 1910.269 shall attend monthly safety meetings. These meetings shall be held at a reasonable time and place as selected by Heber Light & Power. Qualified workers who cannot attend a safety meeting because of an emergency, or because their job assignments do not allow them to leave their stations or stop their work without causing serious interruption to their work, may be excused from attending monthly safety meetings. However, a rotation process should be developed to allow these employees to attend as many safety meetings as possible. Supervisors of Heber Light & Power employees other than qualified workers shall ensure their employees attend safety meetings that have been scheduled by Heber Light & Power for these employees when possible.

During safety meetings any employee may offer input and recommendations to revise Heber Light & Power's safety program, safety policies, or safe work methods and procedures.

~~Minutes of all safety meetings shall be kept for at least one year or as required by Heber Light & Power policy. Meeting minutes shall be kept in a location that is accessible to all employees during normal business hours.~~

Basic Medical Emergency Procedures

In case a medical emergency arises, take the following steps in the order shown:

1. Ensure that the area around the injured or ill person is clear and safe from all potential hazards for the injured and responders.
2. Initiate the 9-1-1 system, or call the system operator, if emergency medical aid is needed.
3. Protect yourself first by using PPE found in Heber Light & Power first aid kits.
4. Prevent further injury.
5. Check the airway, breathing, and circulation of the injured or ill.
6. Stop or slow bleeding.

Commented [JR5]: Does this meet you needs? If not how should it be changed?

Commented [JR6]: phernandez Sep 25

My comments mainly invo
may be more documentati
currently have, such as sup
course, minutes of all safety
inspected monthly and ma
inspecting, vehicles kept cle
inspection fire extinguisher
assigned location, Job Haza
documented and filed with
would be who owns the tra
accountability and follow t
a few places in the docume

Commented [JR7]: phernandez Sep 25

HR Manager suggested tha
filing management seems h

Commented [JR8R7]: While OSHA does not require an organization to have a safety committee and UOSH does not have a requirement to keep or maintain committee meeting minutes. It is a good practice. The minutes can serve as proof of program review requirements that include: *Annual EAP Review, Annual JHA updates, overall program reviews. Just a could of examples.

7. Make the injured comfortable and reduce shock.

~~7.~~8.

Accidents

When an injury requiring medical attention or a vehicle accident occurs, notify 9-1-1 at once. Be prepared to give:

- The location of the incident
- The type of injury
- Number of people involved.
- The type of medical help or other aid needed.

Never provide the name(s) of victim(s) over the radio. If possible, ensure that someone is assigned to remain in constant contact with 9-1-1 until medical help arrives. Also, if possible, assign someone to escort medical help to all victims.

Injuries and vehicle accidents, no matter how slight, shall be reported to your supervisor as soon as possible and in no case later than four (4) hours after the incident. The appropriate Heber Light & Power accident report form shall be completed and submitted to your supervisor within 24 hours for all injuries and vehicle accidents.

In case of fatalities, report the incident within four (4) hours to the

Heber Light & Power's General Manager must follow specific reporting requirements for work-related incidents:

1. **Death of an Employee:** If a Heber Light & Power employee dies due to a work-related incident, the General Manager must notify ~~Federal OSHA~~UOSH within **8 hours**.
2. **In-Patient Hospitalization, Amputation, or Loss of an Eye:** The General Manager must notify ~~Federal OSHA~~UOSH within **24 hours** if an employee is:
    - Admitted to the hospital,
    - Suffers an amputation (including the loss of any part of a finger or body part), or
    - Loses an eye.

Important Note: Loss of vision that does not involve the removal of the eye is not reportable. However, if loss of sight leads to the employee being hospitalized within 24 hours, it must be reported.

Near-misses shall be reported to the employee's supervisor and discussed at the next available opportunity with other employees.

If you believe you may have contracted an occupational disease during work, you must notify your supervisor as soon as possible and complete an accident report.

If a Heber Light & Power vehicle, or a private vehicle being used for Heber Light & Power business, is involved in an accident:

1. Assess everyone involved in the vehicle accident for injuries.
2. Ensure that the area around the accident scene is safe and clear of all conditions that could be hazardous for the injured and responders.
3. Initiate the 9-1-1 system, or call the system operator, and report the accident.
4. Protect yourself first by using PPE found in Heber Light & Power first aid kits.
5. Prevent further injury.
6. Check the airway, breathing, and circulation of the injured.

Formatted: Font color: Auto, Not Expanded by / Condensed by

Commented [JR9]: jnorlen Sep 23

Staff felt that the paragrap about the reporting times, report to UOSH and not th of the few states with that

Commented [JR10R9]: Rewrote for clarity

7. Stop or slow bleeding.
8. Make the injured comfortable and reduce shock.
9. Do not alter the scene of the accident before an accident investigation can be conducted.
10. Do not admit fault or liability to anyone.
11. Ensure that the accident scene is secured and remains unaltered.

After the accident scene is under control, the driver of the vehicle, or a private vehicle being used for business, shall immediately inform their supervisor of the incident. An Incident/Accident report shall be completed by the driver. This form should be found in the glove box of all Heber Light & Power vehicles or, by request, can be obtained from your supervisor. Additional reports shall be made to the police or state authority as required.

Heber Light & Power or designated representatives shall investigate all vehicle accidents and take the proper remedial steps to prevent the reoccurrence of similar accidents.

Accident Drug Testing

See Heber Light & Power Updated Policy.

First Aid

First aid is the immediate and temporary care of a person:

- Who is injured or ill?
- Who may not be breathing?
- Whose heart has stopped.

The goal is to prevent death or further injury:

- Treat for shock.
- Control Bleeding
- Protect wounds and burns.

Heber Light & Power employees—who are trained—are asked to provide first aid to injured employees until emergency medical aid has arrived. ~~Usually, a Heber Light & Power does not employ workers who are required to be "first responders"; all medical aid is voluntary~~. Heber Light & Power shall be committed to providing first aid training to all employees. First aid training shall be provided to Heber Light & Power employees whose job duties require this training and certification.

In addition, any worker who is not in one of the specified occupations, but who performs duties similar to duties performed by workers in those occupations (such as inspection or maintenance of energized electric equipment) shall receive first aid training, including training in CPR, before performing those duties.

First aid kits shall be located throughout facilities and vehicles. Employees shall be familiar with the location and contents of the first aid kits. First aid kits shall be inspected monthly and maintained with adequate medical supplies. An inspection tag shall be marked with the date and person conducting each inspection.

Reference: ANSI Z308.1, "Minimum requirements for workplace first aid kits."

Commented [JR11]: jnorlen 8:51 AM
Strike

Commented [JR12]: jnorlen Sep 23
Does this need to be monthl
are currently doing it which
Add a reply

Commented [JR13R12]: While OSHA does not specify a frequency they do require adequate amount of first aid supplies be readily available. I do not think inspecting first aid kits every two years is adequate. Items within the kits expire.
The important thing is to establish a program that documents an inspection was completed. I would recommend—at the very least—conduct them semi-annually. In my organization we add them as part of the daily vehicle inspection check list and on our gate checks. Just let me know how you want it.

Reporting Hazardous Conditions

When observing a hazardous condition that poses a risk of injury, property damage, or service disruption, it is imperative to promptly report the condition to your immediate supervisor, regardless of the department where it is observed. Following the report, if needed, secure the area until the hazard is neutralized. If an employee receives a report concerning any hazardous or emergency condition, they should gather information, including the name of the informant, the precise location, and details about the nature of the issue.

Emergency Evacuation Plan

An effective emergency evacuation plan is essential for the protection of employees and the public in the event of an emergency situation that requires evacuation of a Heber Light & Power building or facility. A variety of natural and human-caused events such as earthquakes, fire, terrorism, volcanic activity, or hazardous chemical accidents could disrupt day- to-day operations.

Upon discovering an emergency:

1. If appropriately trained, take measures to mitigate the emergency, such as utilizing a fire extinguisher, where applicable.
2. Call 9-1-1 and report:
    a. The type of emergency
    b. Location
    c. Whether assistance is needed
    d. Number of victims

Upon hearing the alarm system, exit the facility using the designated emergency escape route as quickly as possible.

Heber Light & Power evacuation procedures vary depending on the number of employees and the size of the facility. Two Heber Light & Power employees should be appointed as Emergency Marshals, along with two alternatives, if possible, for each floor of the building.

The emergency marshals are responsible for tracking the employees on their assigned floors. Each facility should designate a specific assembly area for employees (see Table 1).

The emergency marshals have specific reporting locations in the assembly area. These assembly areas and reporting locations shall be posted on Heber Light & Power Safety Bulletin Boards. All employees should proceed directly to their designated assembly areas as quickly as possible. Under no circumstances should anyone be allowed to re-enter the building until an "all clear" notice has been sounded or emergency marshals have given approval.

Table 1. Assembly Areas

Facility	Designated Assembly Areas
All Buildings	West Parking Lot

Each emergency will dictate the safest location to assemble. The locations described in Table 1 are preferred. However, it may not always be possible to assemble in one or more of these

phernandez Sep 25
Define the assembly area
Add a reply

Commented [JR14]:

Commented [JR15R14]: Please let me know how you want this to read.

locations. The intent of designated assembly areas is to account for employees and visitors in the facility. If designated assembly areas are not accessible, assemble in a common area where employees and visitors can be accounted for. The emergency marshals shall direct evacuees to these temporary assembly areas. Periodic drills will be conducted at the discretion of Heber Light & Power.

Terror or Bomb Threat

Each terror or bomb threat situation is different and must be man- aged in accordance with the tools available to you at the time of the incident. The following information deals with receiving a terror or bomb threat by phone. Terror and bomb threats are usually made by telephone, and occasionally by note or other means. Similar procedures should be followed regardless of the way the threat is received.

The primary goals:

- Protect the lives and safety of employees and the public.
- Allow for an orderly evacuation of the affected facility when appropriate.
- Provide proper coordination with law enforcement and other public service agencies.
- Protect Heber Light & Power's property and assets.

If you receive a terror or bomb threat:

1. Keep the caller on the line if possible.
2. Alert a nearby co-worker that you have terror or bomb threat on the line and have them contact the telephone company to

   trace the call. Inform the telephone company representative that you are attempting to trace a terror or bomb threat phone call currently in progress.
3. Take notes on everything that is said.
4. Write down your observations about the background noise, voice characteristics, and anything else that might help.
5. Ask detailed questions to caller:
   a. What type of terror threat is this?
   b. Where is the bomb?
   c. When will it go off?
   d. What does it look like?
   e. What kind of bomb is it?
   f. Who are you?
   g. Why are you doing this?
6. Immediately after the phone call inform the nearest supervisor,

   who will notify 9-1-1.

After a terror or bomb threat:

1. Have fellow employees conduct a quick visual search of their work area and the common areas of the facility to identify any unusual or suspicious objects. Report anything out of the ordinary to the emergency marshal for your area. The emergency marshal will forward any findings to the responding authorizers.
2. Do not move or closely examine any suspicious objects.

3. Evacuate the facility.

Heber Light & Power can develop its "Continuity of Operations Plan," using Continuity Resources and Technical Assistance, at FEMA:

Reference: http://www.fema.gov/continuity-operations

Workplace Violence&Harassment

Heber Light & Power strictly prohibits any type of harassment or workplace violence. Employees are encouraged to be alert and aware of violent types of conduct in the workplace. Any employee who is being threatened on the job must notify his or her supervisor. The appropriate department head will investigate complaints and, depending on the results of the investigation, will take appropriate action. (refer to Heber Light & Power Personnel Policy140).

Physical and Mental Fitness

Any Heber Light & Power employee who is unable to perform their duties safely due to illness, injury, or other disability shall promptly report their condition to their supervisor. After absence from work due to illness or injury, an employee may be required to provide medical documentation detailing their fitness for duty and their ability to perform the essential functions of their position safely.

Intoxicating Beverages and Drugs

There shall be no consumption of alcoholic beverages, narcotics, or other intoxicants on Heber Light & Power's property or in Heber Light & Power vehicles. Being under the influence of, or using, intoxicating beverages or drugs on Heber Light & Power property shall be enough cause for disciplinary action. Any employee taking drugs prescribed by a physician, or over-the-counter drugs that could impair their assigned work, shall notify their super- visor of their medical condition. (refer to Heber Light & Power Personnel Policy ~~150~~11).

Smoking

Smoking is prohibited in Heber Light & Power's buildings, facilities, vehicles, and on Heber Light & Power grounds unless otherwise designated. Smoking is defined as the carrying or smoking of a lighted pipe, cigar, cigarette, e-cigarette, or other lighted smoking material, including such lighted items in an ashtray or similar device. (refer to Heber Light & Power Personnel Policy ~~150~~17).

~~**Vaping Devices**~~

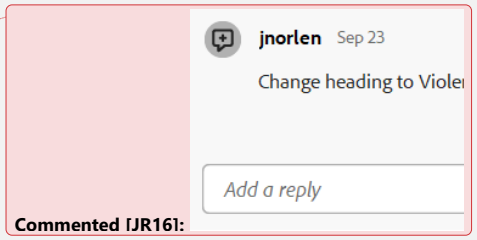
~~E-cigarettes are electronic devices that heat a liquid and produce an aerosol or mix of small particles in the air. They come in many shapes and sizes. Most have a battery, a heating element, and a place to hold a liquid. The Food and Drug Administration has been warning that nicotine-induced seizures could be a rare side effect of vaping. Seizures or convulsions are known potential side effects of nicotine poisoning and have been reported in scientific literature in relation to intentional or accidental swallowing of nicotine-containing e-liquids.~~

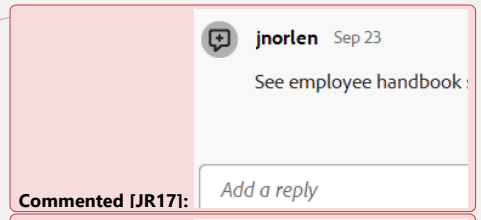
~~https://www.fda.gov/news-events/press-announcements/statement-fda-commissioner-scott-gottlieb-md-and-principal-deputy-commissioner-amy-abernethy-md-phd~~

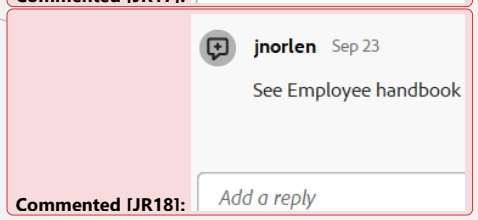
~~https://www.cdc.gov/tobacco/basic_information/e-cigarettes/index.htm~~

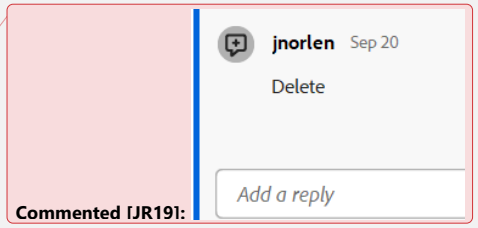
Safety Bulletin Board

Heber Light & Power shall install and maintain Safety Bulletin Boards throughout Heber Light & Power facilities. These shall be used to post:









- ~~OSHA~~UOSH Form 300A
- Safety bulletins
- Safety newsletters
- Safety posters
- Accident statistics
- Listing of appointed emergency marshals for the immediate area and emergency numbers

The following information posters must be posted at all work locations:

- Job Safety & Health poster
- Family and Medical Leave Act

Refer to the following websites for more information on posters and programs:

http://www.dol.gov/whd/regs/compliance/posters/flsa.htm
http://www.dol.gov/vets/programs/userra/USERRA_Private.pdf .

Housekeeping

All Heber Light & Power facilities, work locations, and vehicles (both inside and out) shall always be kept clean and orderly.

In addition, the following requirements apply:

- Walks, aisles, stairways, fire escapes, and all other passageways shall be kept free and unobstructed.
- Floors and platforms shall be kept free of oil, grease, or water.
- All spills should be cleaned up promptly.
- Work areas should be cleaned up as soon as the job is completed and, when necessary, while the work is in progress.
- Tools and materials shall not be placed where they may cause tripping or stumbling hazards or where they may fall.
- Combustible materials, such as oil-soaked rags, waste, and shavings, shall be kept in approved metal containers with metal lids. Materials placed in these containers shall be disposed of as soon as practical to avoid a fire hazard.
- Flammable liquids shall only be used for their designated purposes. Gasoline, benzene, naphtha, lacquer thinner, etc., shall not be used for cleaning purposes or for starting or kindling fires.
- UL-approved, properly labeled safety cans shall be used for the handling and storage of flammable liquids such as gasoline, benzene, naphtha, lacquer thinner, and other solvents of this class in quantities greater than one gallon. For quantities of one gallon or less, only the original container or UL-approved, properly labeled container shall be used.
- No more than 25 gallons of flammable or combustible liquids shall be stored in a room outside of an approved storage cabinet unless the room is specified for storage of flammable or combustible liquids. No more than 60 gallons of flammable, or 120 gallons of combustible, liquids shall be stored in any one approved storage cabinet. No more than three such approved storage cabinets may be located in a single storage area.
- No clothing shall be allowed to hang on walls, behind doors, or in the space behind switchboards.
- Paper and other combustible materials shall not be allowed to accumulate, and weeds or other range vegetation shall not be allowed to grow in or around substations, pole yards, buildings, oil tanks, or other structures.
- All customers' premises shall be left in a clean and safe condition.
-

Hazard Communications

Refer to 29 CFR ~~OSHA~~UOSH 1910.1200, "Hazard Communication." Safety Data Sheets (SDS) are available at http://www.msds.com

Heber Light & Power shall develop and maintain a hazard communication program as required by 29 CFR ~~OSHA~~UOSH 1910.1200, "Hazard Communication." This program will provide information to all employees related to hazardous chemicals or substances to which they are exposed, or may become exposed, during their employment.

Safety Data Sheets (SDS) are available at http://www.msds.com. The new "Globally Harmonized System" (GHS) standardizes labeling and SDS information. GHS training is covered in the annual hazard communication training.

Heber Light & Power uses, stores, and transports a wide variety of chemicals, fluids, and substances. Work procedures often involve potentially hazardous materials, which can present health hazards to the employees if not properly stored and handled. Because most of these health hazards do not pose an imminent danger, they are frequently not given the attention that is necessary. For employees to be fully protected, they must be knowledgeable of the potential health hazards of working with these materials.

To reduce the risks of working with hazardous materials, manufacturers of hazardous materials are required to convey hazard information to the users of their products. This is accomplished using Safety Data Sheet (SDS) and container labeling. The SDS is the main vehicle for communicating the hazards, safe handling requirements, and emergency procedures for each hazardous material. Employees shall know the location of the SDS for all hazardous materials known to be in their work areas. The SDS shall be made available to contractors working on Heber Light & Power property.

Employee should identify unlabeled containers and report to supervisor so company can destroy the container.~~Employees shall not use materials they find in unlabeled containers, and they shall report unlabeled containers and containers with dam- aged labels to their supervisor.~~

Employees shall not transfer a hazardous substance from a labeled container to an unlabeled container unless the unlabeled container is under the exclusive control of the employee. All secondary containers will have approved National Fire Protection Association (NFPA) labels on them. NFPA labels are available for purchase.

Employees shall report all hazardous material spills to their super- visor. Employees shall not attempt to control or clean up spills unless they have been properly trained and have the required personal protective equipment.

Heat Exposure

Employees operate in areas that could potentially experience hot weather during parts of the year. Because employees work outside during these periods, Heber Light & Power shall develop a Heat Exposure Policy, found in Appendix A of this program. All employees shall be trained each year on Heber Light & Power's heat exposure policy and Heat injury awareness and prevention.

Cellular Telephones and Electronic Wireless

Communication Devices

While operating any Heber Light & Power vehicle or equipment, the operator is not permitted to use cellular phones unless a hands-free system is permanently installed. If the vehicle or equipment is not equipped for hands-free use, the operator must stop and safely park before using or answering a cellular phone, or sending or reading a text message.

Commented [JR20]:

jnorlen Sep 23

Employee should ident
report to supervisor so
container.

Add a reply

When using cellular phones and electronic communication devices during work hours:

- Limit use to high-priority communications.
- Keep ringer volume low to avoid startling other workers.
- Ensure the work area is safe before making or receiving calls.
- Turn off or set phones to voicemail when:
  - Performing energized live-line work
  - Climbing structures
  - Engaging in any activity where calls could pose a safety risk to yourself or others.

~~While operating any Heber Light & Power vehicle or equipment, the operator shall not use cellular telephones unless a hands-free call/talk system has been permanently installed in the vehicle or on the equipment. If the vehicle or equipment is not set up for hands-free call/talk, and the operator wishes to use, or answer, a cellular telephone or send or read a text message, the vehicle or equipment shall be stopped, and safely parked. When cellular telephones and electronic wireless communication devices are used during working hours:~~

- ~~The use of these devices should be limited to high priority communications.~~
- ~~The volume of the ringer shall be kept to a minimum so as not to startle other workers performing tasks.~~
- ~~If a call must be made or received in a work area, the employee must ensure that the work area and all personnel are safe before answering or calling.~~
- ~~All cellular telephones shall be turned off or placed on voice mail while performing the following tasks:~~
  - ~~Performing energized live-line work~~
  - ~~Climbing structures~~
  - ~~Any other time a call would create a safety issue for yourself or other workers.~~

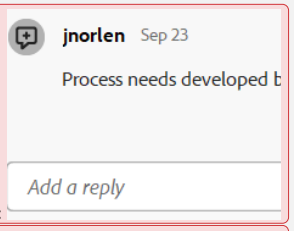
Commented [JR21]: Rewrote for clarity.

Fire Protection

Refer to 29 CFR ~~OSHA~~UOSH 1910.39

Effective fire prevention requires maintaining good housekeeping practices. To meet OSHA standards, follow these guidelines:

1. **Housekeeping:** Avoid the accumulation of combustible materials, such as wastepaper and rags.
2. **Fire Extinguishers:**
   - Ensure that fire extinguishers are strategically placed and easily accessible throughout all Heber Light & Power facilities.
   - Conduct monthly inspections to verify that extinguishers are in their assigned locations, unobstructed, and in good working condition.
   - Annual servicing of all fire extinguishers is mandatory, with the inspection date clearly documented on the equipment.
   - Promptly replace any extinguisher that has been used or has a broken seal.
   - Never obstruct fire extinguishers with clothing, wires, cables, tools, or other materials, and always maintain clear access.



Commented [JR22]:

Commented [JR23R22]: When you have it developed send it over I can review to ensure it has all elements required by UOSH. I rewrote this to make it easier to follow.

Formatted: Indent: Left: 1", No bullets or numbering

3. **Training:**
   - Provide fire extinguisher training to all employees whose job assignments require the use of extinguishers. This training is required upon initial assignment and annually thereafter.
   - Only trained employees may use portable fire extinguishers. In a fire emergency, all other employees must evacuate the facility.
4. **Emergency Preparedness:**
   - Employees should familiarize themselves with emergency exits, alarm signals, and escape procedures while inside any building or structure.
   - All Heber Light & Power facilities will have an Emergency Action Plan that meets the requirements of 29 CFR 1910.38, "Emergency Action Plans."
   - All fire exits will be clearly marked, and all fire exits and escape routes will be kept free of obstructions.
   - Fire exits and doors will not be locked, chained, or barricaded during working hours.

~~Effective fire prevention involves maintaining good housekeeping practices. Avoid the accumulation of combustible materials such as wastepaper and rags. Ensure strategically positioned fire extinguishers are easily accessible throughout Heber Light & Power facilities. Conduct monthly inspections to confirm their assigned location, absence of obstructions, and good working condition. Annual servicing of all fire extinguishers is mandatory, with the inspection date clearly documented on the equipment. Promptly replace any extinguisher that has been used or has a broken seal. Do not place articles such as clothing, wires, cables, tools, or any materials on or obstructing fire extinguishers. Always maintain clear access to all fire extinguishers.~~

~~Fire extinguisher training shall be provided to all employees whose job assignments require the use of fire extinguishers. The training is required upon initial assignment and annually thereafter. Portable fire extinguishers shall be used only by trained employees. In a fire emergency all other employees shall evacuate the facility.~~

~~Employees shall familiarize themselves with the emergency exits, alarm signals, and escape procedures when working inside a building or structure. All Heber Light & Power facilities shall have an emergency action plan that meets the requirements of 29 CFR OSHA 1910.38, "Emergency Action Plans."~~

~~In buildings or structures, all fire exits shall be marked. All fire exits and escape routes shall be kept free of obstructions. Fire exits or doors shall not be locked, chained, or barricaded during working hours.~~

Illumination

Whenever natural light is not sufficient to illuminate the workplace or worksite, additional illumination shall be provided to enable employees to safely perform their work. Work should not commence until adequate lighting can be provided.

Clothing

All Heber Light & Power employees shall dress in a manner appropriate to their occupation and the hazards of their job. Employees shall discuss with their supervisor what clothing is

required to perform specific tasks. Employees exposed to moving parts or exposed machinery shall wear clothing that fits close to the body. Rings, watches, necklaces, bracelets, or similar objects shall not be worn near exposed energized equipment or moving parts.

Hair

Employees working around machinery or in locations that present a hair-catching or fire hazard shall wear protective caps or other types of head covering that completely covers or pulls the hair away from potential hazards.

Job Hazard Assessment

To ensure that all employees are provided the needed PPE for each Heber Light & Power work area, a Job Hazard Assessment (JHA) shall be conducted. Where possible, hazards shall be abated using the following hierarchy of controls:

1. Engineering controls
2. Administrative controls, including work practices, that minimize exposure to the hazard.
3. Personal protective equipment
4. Elimination of the hazard or substitution of a less hazardous chemical or process

The JHA shall be documented and filed in Heber Light & Power's ~~Human Resources Department.~~database management system. The JHA shall identify the:

- Work location
- Hazards present
- PPE required.
- Actions required to correct deficiencies identified.
- Date of assessment
- Name(s) of Heber Light & Power-authorized representatives conducting the JHA.

Personal Protective Equipment

References: ANSI Z89.1; ASTM F2412; ANSI/ISEA 107-2004

Employees shall wear the specific PPE identified in Heber Light & Power's JHA for the work involved. JHAs shall require PPE in accordance with the following criteria, and that PPE shall be used and maintained as described in the following sections.

Head Protection

Heber Light & Power-approved protective hats (hard hats), complying with ANSI Z89.1, Type E, shall be worn by all employees and visitors whenever:

- There is a risk of head injury,
- There is a risk of falling objects or materials,
- There is a risk of flying or propelled objects,
- Working under scaffolds or overhead structures,
- Working near energized lines or equipment,
- Working in spaces where the worker's head could hit an obstruction,
- The work site has been posted as a "Required Hard-hat Area",
- Individual operating areas have developed a requirement for the use of a hard hat.

Hard hats shall be inspected daily for signs of wear and deterioration, and:

- The shell shall be glossy or be replaced,

Commented [JR24]:
jnorlen Sep 23
We call the Job Hazard As we change heading to Jol Assessment/Tailboard?
Add a reply

Commented [JR25R24]: This section on Job hazard analysis is not referring to tail boards or job briefings. It is a more in-depth documented hazard identification conducted per position and is not worksite specific.
This refers more to 1910.132(d)(1) requirement for employer to assess the workplace for hazards and control hazards using the hierarchy of controls.
I can send you an example for a lineman.

Commented [JR26]:
jnorlen Sep 23
Data base storage system
Add a reply

- The shell shall not be painted or affixed with unapproved stickers,
- The shell shall be replaced after five years of use,
- The suspension lining shall be replaced at least yearly, monthly if worn daily,
- The hard hat shall be worn properly with bill facing forward.

Eye and Face Protection

Eye protection typically consists of safety glasses with side protection, goggles, face shields, and welding helmets with protective lenses. All Heber Light & Power-provided eye protection shall comply with ANSI Z87.1. Protective eyewear is required whenever there is the potential for flying particles, electrical hazards, or chemical hazards that may cause injury to a worker's eyes, including:

- Working with power tools or hand tools that produce or have the potential to produce flying particles.
- Entering areas where activities being performed by other personnel have the potential to produce hazards to the eyes.
- Performing activities such as pulling wire, demolition, or maintenance activities that may result in falling debris.
- Grinding or sanding
- Welding activities
- Working with chemicals
- Working near energized parts
- Working with an energized conductor or equipment where an arc flash is possible.
- Areas posted as "Eye Protection Required".

Hand Protection

When employees are exposed to a hazard where their hands may be injured, appropriate hand protection shall be used. Heber Light & Power shall provide specific types of gloves made to protect workers' hands while performing manual tasks. Examples of hazards harmful to the hands include:

- Chemicals
- Handling or working around sharp objects or sharp edges.
- Material handling
- Climbing poles and structures
- Using specific hand and power tools
- Use of box cutters or knives
- Electrical hazards

Leg Protection

Employees operating chainsaws shall wear Heber Light & Power-approved flexible ballistic chaps that protect the legs.

Foot Protection

See Heber Light & Power's Updated Policy

Protective Clothing

Heber Light & Power employees exposed to a potential electric arc flash may require wear flame-resistant (FR) clothing. Heber Light & Power's FR Body Protection Policy for employees

jnorlen Sep 23

Is this required by UOSH?

Add a reply

Commented [JR27]:

Commented [JR28R27]: Yes, OSHA requires leg protection when using chainsaws. Therefore UOSH does. Specifically, when employees are engaged in chainsaw operations, they must wear appropriate protective equipment, which includes leg protection such as chainsaw chaps or pants that are designed to resist cuts from the chainsaw.

exposed to potential electric arc flashes can be found in Appendix C of the Electrical Safety Program Transmission & Distribution Work Methods manual.

High-Visibility Clothing

Refer to ANSI/ISEA 107-2004.

High-visibility clothing with an ANSI/ISEA 107-2004, Type 2 or 3 rating shall be worn by all Heber Light & Power employees exposed to vehicular traffic or heavy construction equipment.

Fall Protection

Refer to the information in "Appendix E: Fall Protection."

Hearing Protection

Reference: 29 CFR ~~OSHA~~UOSH 1910.95, "Occupational Noise Exposure" and "Hearing Loss Prevention."

Sound-level monitoring within some Heber Light & Power facilities may show locations exceeding the equivalent eight-hour Time-Weighted Average sound level (TWA8). Heber Light & Power shall develop a hearing conservation program for these areas.

Each area shall be identified with the following signage:

Before entering areas marked with this signage, all Heber Light & Power employees and guests shall put on Heber Light & Power-provided hearing protection. Heber Light & Power shall provide foam ear plugs and earmuffs.

Ear protection must be worn when there is a possibility of hearing damage, which can occur during continuous exposure to noise or impulse exposure to loud impact noise. Employees who are exposed to noise of 85 decibels (dB) for more than eight hours, 95 dB for more than four hours, 100 dB for more than two hours, or 105 dB for more than two minutes must wear Heber Light & Power-approved ear protection. Protection must be worn when exposed to impact noise more than 140 dB (e.g., noise like a rifle or shotgun). Specific work area or equipment operation that generates noise levels exceeding 85 dB shall be identified.

It is required that employees who are operating or working in these areas wear proper hearing protection.

Proper ear protection may consist of any of the following: earmuffs, ear plugs, molded ear protectors, or wax-type earplugs. Plain cotton is not acceptable. Ear protective devices shall be worn properly so that they may provide the required protection. They must be kept clean to reduce the possibility of ear infection.

Employees exposed to an eight-hour time-weighted average of 85 decibels or more shall be provided, at no cost, an annual audiometric test.

Confined Space

Some Heber Light & Power facilities may be identified as confined spaces and enclosed spaces. The permit required confined spaces shall be labeled with special signs identifying them as permit-required confined spaces.

To enter any permit-required confined space, refer to Appendix B for Heber Light & Power's permit-required, confined, and enclosed space procedure. To enter a T&D electrical enclosed space refer to Heber Light & Power's Electrical Safety Program Transmission & Distribution Work Methods, Appendix B, "Enclosed-Space Procedures."

Respiratory Protection

Some work locations in Heber Light & Power's facilities require the use of respiratory protection. Refer to Heber Light & Power's Respiratory Protection Program, Appendix D.

Supports, Platforms, and Scaffolds

Reference: 29 CFR ~~OSHA~~UOSH 1910, Subpart D.

Adequate strength and proper use of supports such as a tree, pole, scaffolding, ladder, walkway, other elevated structures, crane, or der- rick, etc., shall be determined before loads are added to supports.

All scaffolds and platforms shall be properly designed, rated, and constructed per manufacturer specifications and shall be properly used for the assigned task. Footing or anchorage points shall be sound, rigid, and capable of carrying the maximum intended load without settling. Scaffolds shall be designed and equipped to allow workers to safely ascend and descend.

Scaffolds and platforms, with proper guardrails, shall be at least 18 inches wide and large enough to ensure safe movement of workers, materials, and equipment. Scaffolding 4 to 10 feet in height shall have a horizontal surface dimension of 45 inches or more, unless equipped with proper guardrails. Scaffolding over 10 feet tall shall be equipped with a toe board. There shall be no more than one inch between scaffold planking, and it shall extend over the centerline of its support by at least 6 inches (unless cleated) and no more than 12 inches beyond the end of the scaffold.

Loose tools, materials, and equipment resting on the scaffold deck shall be removed or secured before scaffolding is moved. Movable scaffolds shall have locking casters or wheels to prevent movement when in use.

Employees working on suspended scaffolds shall be protected by an independent lifeline, body harness, and lanyard.

Ladders

See https://www.~~osha~~UOSH.gov/Publications/portable_ladder_qc.html Reference: 29 CFR ~~OSHA~~UOSH 1910.23.

Only Heber Light & Power-owned ladders shall be used by employees. Ladders shall not be used as scaffold platforms unless they are specifically designed for that purpose. A ladder shall not be placed against unsafe support. Ladders shall not be spliced together to form a longer ladder, unless the equipment is specifically designed to be used as a section ladder. Boxes, chairs, or other items shall not be used instead of a ladder.

All ladders shall be inspected before each use, and annually at a minimum. Ladders with weakened, broken, or missing steps, broken side rails, or other defects shall not be used. The use of ladders shall be limited to their rated strength as listed by the manufacturer. Load limits shall

be marked on all ladders, or Heber Light & Power will certify that a ladder meets ANSI standards.

- Wooden ladders shall not be painted, obscuring a defect in the wood; only a clear, nonconductive finish shall be used.
- Portable metal ladders shall not be used. ~~near energized electrical~~
  - ~~*Exception*: such ladders may be used in specialized work, such as high voltage substations, where nonconductive ladders might present a greater hazard. These ladders shall be properly marked~~.

When ascending or descending ladders, employees shall face the ~~ladder, and~~ladder and have both hands free. Employees shall belt off to a ladder whenever both hands must be used, or when there is the possibility of an employee falling from an elevated position.

Ladders of all types should never be left in place when employees leave the work site for an extended period. They shall be laid on the ground or floor in a safe location or returned to the truck and placed in a storage position.

Only one employee shall work from a ladder at a time (except for hook-type ladders). If two employees are required to complete a task, a second ladder shall be used.

When working from a portable straight ladder, the ladder must be securely placed, held, tied, or otherwise made secure to prevent slipping or falling. Portable straight ladders shall not be used without non- skid bases. The ladder shall be placed so that the distance between the bottom of the ladder and the supporting point is approximately one- fourth of the ladder length between supports. Do not stand on the three top rungs of a straight, single, or extension ladder.

See https://www.~~osha~~UOSH.gov/Publications/portable_ladder_qc.html

When dismounting from a ladder at an elevated position (such as a roof) the employee shall ensure that the ladder side rails extend at least three feet above the dismount position, or that grab bars are present.

The top step of a stepladder shall not be used, except for platform ladders.

Stepladder legs shall be fully spread, and the spreading bars locked in place. Stepladders shall not be used as straight ladders and shall not be more than 20 feet in height. When an employee is working on a step- ladder more than 10 feet tall (except a platform ladder), the ladder shall be held by another person.

Slings/Rope (Synthetic Fiber, Natural Fiber, Nylon)

Employees who use slings and ropes shall understand that:

- Lifting Slings: Must be rated and tagged.
- Rope/Sling Use:
  - Do not overload or drag over rough or sharp objects.
  - Avoid short bends over sharp edges.
  - Remove kinks before applying strain.
- Storage: When not in use, ropes and slings should be dried, stored properly, and kept free from mechanical damage, excessive heat, and dryness.
- Regular Inspections: Ropes and slings should be regularly examined for cuts, worn spots, burns, and signs of rot. The rope should be untwisted in various places to check for poor fibers and dry rot; outward appearance alone does not guarantee strength.
- Load Limits:

jnorlen Sep 20
No Metal ladders allowed
Add a reply
Commented [JR29]:

jnorlen Sep 23
Any damage seen during reported to the supervisor discarded.
Add a reply
Commented [JR30]:
Commented [JR31R30]: Rewrote for clarity
Formatted

- Safe load limits must not be exceeded.
- Splices have only 80% of the rope's strength.
- Knots have only 50% of the rope's strength.
- Hand Lines: Must have a minimum diameter of 1/2 inch.
- ~~Lifting slings shall be rated and tagged.~~
- ~~A rope/sling shall not be overloaded or dragged over rough or sharp objects.~~
- ~~Short bends over sharp-edged surfaces should be avoided.~~
- ~~Kinks shall be removed before any strain is put on a rope/sling. When not in use, rope and slings should be dried, stored properly, and kept free from mechanical damage and excessive heat and dryness.~~
- ~~Ropes/sling shall be examined regularly for cuts, worn spots, burns, and rot.~~
- ~~The rope shall be untwisted at various places and inspected for poor fiber and dry rot.~~

~~The outward appearance of the rope shall not be accepted as proof of quality of strength.~~

- ~~The safe loads shall not be exceeded.~~
- ~~Splices have only 80% strength of rope.~~
- ~~Knots have only 50% strength of rope.~~
- ~~Hand lines shall be a minimum of 1/2 inch diameter.~~

Lifting

Back injuries are caused by improper lifting and are preventable with proper preparation and planning. All Heber Light & Power employees are to use the safe lifting practices below:

1. Plan the lift. (Refer to NIOSH Lifting Equation).
2. Ask for help if needed.
3. Spread your feet.
4. Bend your knees.
5. Keep your back straight.
6. Tuck your chin in.
7. Make a smooth lift.
8. Turn by changing the position of your feet.
9. Stack items no higher than chest height.
10. Walk the route you will take while carrying the load and ensure that it is clear of any tripping obstructions.

Animal Encounters

When a Heber Light & Power employee is the victim of an animal attack, the employee shall contact their immediate supervisor as soon as possible. Your supervisor will call 9-1-1 and request that the appropriate animal control agency be notified. If skin is broken in the attack, the employee is encouraged to seek immediate medical attention to prevent infection and other potential medical problems.

Hantavirus

Though relatively rare, Hantavirus infection is being found in many parts of the United States. This infection is a serious and often life-threatening illness, but by taking the right precautions you can minimize the risk of this rodent-borne virus. Hantavirus is spread from the deer mouse to people. The virus is found in deer mouse urine, saliva, and feces. It enters the air as a mist, and the most common way of being infected is by breathing in the virus. A person can also become infected

by touching the mouth or nose after handling the contaminated mate- rials. Hantavirus infection is not spread from person-to-person.

Preventing Hantavirus Disease

- Keep the workplace and home area clean.
- Keep all food, water, and garbage in metal or thick plastic containers with tight-fitting lids.
- Never leave pet food and water out overnight.
- Wash dishes, cooking utensils, counter tops, and floors regularly.
- Dispose of trash and clutter.
- When cleaning a rodent-infested area, thoroughly wet and disinfect contaminated areas before you disturb the rodent's nest, burrow, or den, which can disperse dust.
- Use spring-loaded traps and EPA-registered rodenticide but remember to keep bait and traps out of the reach of children and pets.
- Use PPE, including rubber gloves, goggles, and disposable dust masks (N95 respirators).
- Thoroughly spray dead rodents, traps, droppings, nests, and contaminated areas with a general household disinfectant.
- A mixture of 10 parts water and 1 part bleach is also effective.
- Always ensure that the entire area is completely wet and saturated with disinfectant before moving, sweeping, or vacuuming any affected materials.
- Dispose of gloves and eyewear properly, and thoroughly wash hands with soap and water.

Facilities and Office Safety

At some time during the workday, most Heber Light & Power employees will work in Heber Light & Power facilities, at a desk, or in an office environment. The following precautions shall be taken when working in these environments:

- Employees shall report all injuries, regardless of their severity, to their supervisor.
- Employees shall walk cautiously up and down stairs; the hand- rails shall be used whenever possible.
- Desk drawers and filing cabinets shall be kept closed when not in use.
- Only one drawer of a filing cabinet shall be opened at a time unless the cabinet is securely fastened to the wall or other cabinets.
- Do not sit on the edge of a chair or tilt back when sitting in a straight chair.
- Boxes, chairs, etc., shall not be used in place of a ladder.
- Floors and walkways shall be kept clear of tripping hazards such as electric and telephone cords, boxes, materials, etc.
- All floors that are wet, mopped or waxed, or have liquid spills shall have warning signs placed in visible areas to warn of a slippery floor or surface.
- Materials shall be stored on shelves in a manner to prevent falling. Heavy objects shall be placed on the lower shelves.
- Hallways and aisles shall be kept clear of all obstructions.
- All emergency exits and emergency equipment, such as fire extinguishers and fire hose racks, shall be kept clear of all obstructions.
- Ventilation fans shall have fan-guards installed.
- Solvents and other volatile or toxic substances shall be used only with appropriate PPE and in well-ventilated areas.
- Employees shall not attempt to clean, oil, or adjust any machine that is running. If the machine needs repair or maintenance, it shall be turned off and disconnected from its power

source.

- Only electric cords and heaters provided by Heber Light & Power and in good working order shall be allowed in any Heber Light & Power facility.
- Unsafe electric cords, faulty electric or other equipment, and any other hazardous condition shall be reported.
- Broken glass and other sharp objects shall not be placed in waste- paper containers.
- Common or sharp-pointed pins shall not be used for fastening paper together. Staples, paper clips, or other approved fasteners shall be used.
- Electrical rooms shall be kept clean and free of clutter. No mate- rials shall be stored in front of any electrical panel so as to block access to the panel.

Ergonomics

Good ergonomic practices begin with an evaluation of the work- station and adjusting equipment as necessary. Each workstation should be evaluated for proper positioning of counters, equipment, and standing and sitting surfaces by a competent person.

Repetition and inadequate rest, forceful exertions, awkward and extreme positions of the body, and sustained or static positioning can cause musculoskeletal disorders. Assess and adjust your workstation configuration to avoid undue stress on muscles, bones, ligaments, ten- dons, and nerves.

- Sit with your lower back against your chair, your upper legs parallel to the floor and your feet flat on the floor or on a footrest.
    - When feet cannot land on the floor and approved support device shall be used.
- Adjust your table and chair so your elbows are bent at right angles and your forearms are approximately parallel to the floor.
- Keep your wrists straight by using a wrist rest.
- Keep your mouse at the same height as your keyboard.
- Position your monitor an arm's length away at eye level.
- Use a document holder to position work at eye level close to the screen.
- Adjust your lighting and monitor to prevent glare or use an anti- glare filter.
- When performing tasks involving repetitive motion or awkward positions, take periodic stretching breaks or alternate with other tasks.

jnorlen Sep 20

in the event the feet cann
approved support should

Add a reply

Commented [JR32]:

Formatted

Video Display Terminals

Employees using video display terminals for extended periods of time shall consider the following:

- Position the video display terminal so that:
    - The operator's eyes are approximately two inches below the top of the screen.
    - It is directly in front of the user and adjusted to avoid glare.
    - Ideally located 16 to 24 inches (arm's length) from user.
    - The screen is tilted 10 to 20 degrees down for easier viewing.
- Adjust the chair so that:
    - The shoulder-elbow-arm angle is 90 degrees (alternatively, adjust the keyboard height).
    - Both feet rest firmly on the floor.
    - Knees are approximately level with hips.
    - A back-support cushion is positioned for the lower back.
- Use a cushioned wrist rest to keep the user's hands and fingers in the same plane as the forearm.
- Employees should take regular breaks and walk or stand for short periods of time.

Automotive Safety

A defensive driver commits very few driving errors and makes allowances for other drivers. The defensive driver adjusts their own driving to compensate for unusual weather, road, and traffic conditions. By being alert to potential hazards, the defensive driver takes preventive action to avert accidents. As a defensive driver, you know when it is necessary to slow down, stop, or yield the right-of-way to avoid an incident.

Only employees specifically authorized, and who possess a valid driver's license or permit, shall operate Heber Light & Power-owned vehicles or personally owned vehicles on Heber Light & Power business.

Employees shall notify their supervisor promptly of any:

- Traffic accidents
- Citations
- Arrests
- Suspensions or cancellations of their driver's license
- Physical disability that might affect their driving ability.

The supervisor shall ensure that each employee holds a valid driver's license with proper endorsements for the type of vehicle or equipment they will operate. Heber Light & Power employees whose job requires them to hold a commercial driver's license shall notify Heber Light & Power if their license has been suspended, revoked, or cancelled or if they have been convicted of any moving traffic violations in a Heber Light & Power vehicle or equipment, in a commercial vehicle, or in a private auto.

All employees operating Heber Light & Power vehicles shall:

- Know and obey all state and local motor vehicle laws applicable to the operation of the vehicle they drive.
- Ensure that they and their passengers properly wear seat belts when the vehicle is in motion.
- Drive at safe speeds no higher than permitted by law.
- Take into consideration traffic, road, and weather conditions.
- when determining the safe speed, within the legal limit, at which the vehicle is operated.
- Clearly signal any intentions of turning or passing.
- Not allow anyone to jump on or off a vehicle in motion.
- Not allow anyone not directly associated with Heber Light & Power business to ride in or on any Heber Light & Power vehicle.
- Pull over to the right side of the roadway to allow emergency vehicles to pass.
- Headlights shall be on during daytime working hours when operating vehicles.
- Slow down and move to the left while passing emergency vehicles, state or county highway department vehicles, tow trucks, etc., that are on the right side of the roadway.
- Exercise added caution when driving through residential and school zones.
- Turn off all ignition systems while refueling.
- Proceed with caution when entering or leaving any building, enclosure, alley, or street where vision is obstructed.
- Follow with adequate distance behind another vehicle, so the vehicle in front can safely stop or turn.

Heber Light & Power trailers shall meet federal and state requirements for their intended use. Safety devices such as lights, brakes, and approved safety chains shall be checked and utilized.

Vehicle Inspection

Employees driving Heber Light & Power vehicles are responsible for checking the following items before operating the vehicle, to ensure they are working properly:

- Brakes
- Lights
- Reflectors
- Rear-vision mirrors
- Turning signals
- Windshield wipers
- Horn

The driver must report any defects that would make operating the vehicle unsafe to Heber Light & Power mechanic.

Reference: Federal Motor Carrier Safety Regulations.

Employees driving Heber Light & Power's commercial vehicles shall complete an inspection at the beginning of each day's work on each vehicle operated. Pre-trip inspection forms shall be filled out completely by the operator of the vehicle at the beginning of the shift prior to use and kept in the vehicle until the end of the shift. The inspection shall cover at least the following parts and accessories:

- Service brakes, including trailer-brake connections.
- Parking brake
- Steering mechanism
- Lighting devices and reflectors
- Tires, wheels, and rims
- Horn and audible back-up alarm
- Windshield wipers
- Rear-vision mirrors
- Coupling devices
- Emergency equipment

Vehicle Operation

All Heber Light & Power vehicles ~~shall~~ or personally owned vehicle used for company business shall be operated in a safe manner, and the driver shall yield the right of way to pedestrians and other vehicles when failure to do so might endanger any person or another vehicle. The driver shall maintain enough distance behind another vehicle to safely stop the vehicle in the clear distance ahead.

Commented [JR33]: jnorlen Sep 20
or personal vehicles being
Add a reply

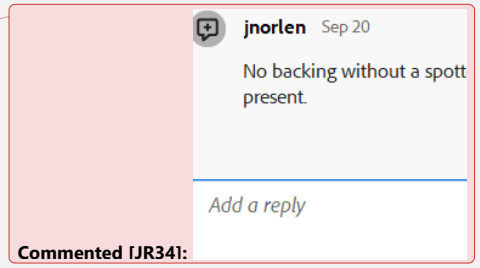
Before a vehicle is driven under or adjacent to energized equipment, especially in substation areas, the clearance shall be checked, especially that of antennas, in order to ensure that proper clearances will be maintained between the vehicle and the energized equipment.

All ignition systems shall be turned off during vehicle refueling; smoking shall not be allowed in vicinity, and cell phones shall not be used. Vehicles shall be parked off the traveled road surface whenever possible. When vehicles must be parked on the roadway, they should be parked on the right-hand side in the same direction of traffic flow, whenever possible. Vehicles or trailers stopped on any public roadway shall be protected by proper warning lights, cones, reflectors, or red flags in accordance with state or local requirements.

When it is necessary to park on an incline, the driver shall make sure the vehicle is left in a safe position. The engine shall be turned off, the vehicle placed in its lowest gear or "park" position, and the parking brake set. The front wheels shall be turned toward the curb or, if a curb is not present, the rear wheels shall be chocked.

Whenever practical, the vehicle shall be positioned to avoid the necessity of backing up. Caution shall be exercised when backing up a vehicle, to avoid injury to persons and to prevent property damage. When backing up a vehicle ~~that~~ a spotter shall be used. If a spotter is not available~~has an obstructed view to the rear~~, take the following precautions:

- A reverse signal (back-up alarm) audible above the surrounding noise level shall be used, or an ~~observer~~ spotter shall signal that it is safe to back-up.
- Back up slowly.
- Watch both sides, but do not depend entirely on mirrors.
- When using an ~~observer~~ spotter, always keep the ~~observer~~ spotter in sight.



~~**Automotive Repair** – Place holder~~

Industrial Trucks – Forklifts

Reference: 29 CFR ~~OSHA~~UOSH 1910.178.

29 CFR ~~OSHA~~UOSH 1910.178 requires the employer to train operators in the specific types of industrial trucks they operate and to certify that training. Also, the employer must evaluate the employee at least every three years "to ensure that the operator has the knowledge and skills needed to operate the powered industrial truck safely."

Heber Light & Power shall provide training to employees whose job duties include operating industrial trucks, ensuring the operator has the knowledge and skills needed to operate the powered industrial truck safely. The training shall be specific to the type of industrial truck that will be operated, and retraining shall occur every three years.

Industrial trucks shall be operated only by authorized persons who are qualified and trained in their use. The operator shall:

- Make a complete safety check of the machine before the beginning of each day and do not operate any truck in need of repair.
- Not start the industrial truck unless the operator is in the driver's seat.
- Ensure that no one rides on the industrial truck.
- Carry the forks in the lowest position possible.
- Avoid quick starts, stops, and turns, and use extreme caution at blind corners.
- Always operate industrial trucks under complete control.
- Always maintain a safe distance from the edge of ramps or platforms.
- Keep arms and legs within the frame of the industrial truck.
- Keep a safe distance from workers standing between the industrial truck and an obstruction.
- Not allow anyone to stand or pass beneath elevated forks.
- Not use the truck to open or close freight doors.
- Check to ensure that rail cars and trucks are properly blocked while being unloaded.
- Check for adequate headroom under overhead installations, lights, pipes, sprinkler systems, and the like.
- Check to make sure that any dock boards or bridge plates are properly secured.
- Approach loads slowly with forks at proper elevation to avoid striking the load.
- Pick up loads at the load's center point and ensure they are placed all the way on the forks.

- Never lift loads that are heavier than the designated load capacity of the machine.
- Not add counterweight to increase lifting capacity (unless approved by the manufacturer).
- Exercise utmost caution when tilting the load forward or backward, especially during high-tier operations.
- Drive with the view unobstructed by the load; if a bulky load must be carried, drive the truck backwards.
- Drive down ramps with any loads on the upgrade side to prevent slipping.
- Avoid bumping or brushing objects with the truck or load.
- Never leave the machine unattended without neutralizing or locking the controls, shutting off power, setting the brakes, and lowering the forks.
- Chock wheels when the machine is parked on an incline.
- Not elevate anyone, unless on an approved platform firmly secured to the forks is used, with personnel on the platform protected by a harness or body belt, and able to shut off power to the truck.

Warning Signs and Work Area Protection

Work area protection is the act of protecting pedestrians, motorists, Heber Light & Power employees, and equipment—through placement of adequate barriers, warning signs, traffic cones, barricade rope, flaggers, and other traffic control devices—on approaches to work areas, excavations, open manholes, and parked equipment. Ensuring work area protection includes using informative devices, coupled with proper planning, design, installation, inspection, and maintenance of these devices. The public must be warned, then regulated, and guided safely through or around the work area.

Temporary Traffic Control

References: US Department of Transportation, 2009 Manual on Uniform Traffic Control Devices (2009 MUTCD).

All state and local traffic codes shall be followed when designing, installing, and removing temporary traffic control systems.

Temporary traffic control measures, including the use of proper signage, cones, barricades, and flaggers, shall be installed as specified in the US Department of Transportation, 2009 Manual on Uniform Traffic Control Devices (2009 MUTCD) with revisions 1 & 2, before Heber Light & Power vehicles and equipment are stopped or parked on, or alongside, a traveled roadway or pedestrian walkway.

Heber Light & Power will provide training and certification in traffic control to Heber Light & Power employees whose job duties require them to perform traffic control. The employee must carry proof of Traffic Control certification while performing these duties.

All employees shall wear a minimum of an ANSI Class 2 reflective warning vest, or equivalent garment, when working in an area with vehicular traffic or when increased visibility would provide a higher degree of safety to the employee.

Tools, Machines, and Equipment

Reference: 29 CFR ~~OSHA~~UOSH 1910 Subpart P, "Portable Power Tools."

All Heber Light & Power and employee-owned tools shall be maintained in good operating condition. Before use, employees shall receive training on proper use of the tool and manufacturer's instructions and warnings. Tools shall be inspected before use; any defects shall be repaired before the tool is used, or the tool shall be removed from service and tagged to prevent its

use.

Manufacturer's safe operating pressures for hydraulic and pneumatic tools, hoses, valves, pipes, filters, and fittings may not be exceeded.

Pneumatic tools should never be pointed at another person. Pneumatic power tools shall be secured to the hose or whip by some positive means to prevent the tool from becoming accidentally disconnected. Safety clips or retainers shall be securely installed and maintained on pneumatic impact (percussion) tools to prevent attachments from being accidentally expelled.

Compressed air shall not be used for cleaning purposes, except when reduced to less than 30 psi, and then only with effective chip guarding and personal protective equipment.

Employees may not use pneumatic and hydraulic hoses for hoisting or lowering tools.

All hoses exceeding 1/2-inch inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in case of hose failure or disengagement of a connection.

Pneumatic and hydraulic tool pressure shall be released before connections are broken unless quick-acting, self-acting, self-closing connectors are used.

Employees shall not use any parts of their body to locate, or attempt to stop, a hydraulic leak.

All hydraulic and pneumatic tools used during live-line work shall be designed and maintained for such use and shall be marked by the manufacturer to indicate that the tool is intended for use around energized lines and equipment. Hoses used for live-line work shall be kept clean and shall be removed from service if suspected.

All hydraulic lines elevated 35 feet or more must have check valves or provide for loss of insulating value due to partial vacuum when used where they may meet exposed live parts.

No guard shall be removed from any machine or piece of equipment except to perform required maintenance under lockout-tagout. Guards removed during maintenance operations shall be replaced before removal of lockout-tagout devices. At no time shall the machine be operated without the guards in place, unless approved alternative safety control measures are used.

Exhaust Ventilation

Reference: 29 CFR ~~OSHA~~UOSH 1910 Subpart Z.

Whenever hazardous substances such as dust, fumes, mist, vapors, or gases are present or are produced during work, their concentrations shall not exceed the limits specified in 29 CFR ~~OSHA~~UOSH 1910 Subpart Z. When ventilation is used as an engineering control method, the system shall be installed and operated according to 29 CFR ~~OSHA~~UOSH 1910 Subpart Z, "Airborne Contaminants."

Respirators

Reference: 29 CFR ~~OSHA~~UOSH 1910.134, "Respiratory Protection." Refer to Appendix D: Respiratory Protection Program

Breathing air contaminated with harmful dusts, fog, fumes, mist, gases, smokes, sprays, or vapors in the workplace can cause occupational illness. Engineering controls eliminating contaminated air are the first option as detailed in the "Exhaust Ventilation" section above. When engineering controls do not eliminate the hazard, appropriate respirators shall be used to supplement engineering controls, in accordance with Heber Light & Power's Respiratory Protection Program in Appendix D.

Only employees who have been properly trained, fit-tested, and determined physically able to

perform the work while wearing the respirator shall be assigned a task that requires the use of a respirator. Respirators must be used when they are provided for a work activity. Approved respirators shall be worn when:

- Applying paint or toxic liquids with pressure spray equipment inside buildings, except in shops where special approved rooms or booths are provided for this purpose.
- Buffing that creates an abnormal amount of dust
- Welding or cutting involving hazardous materials without adequate ventilation.
- Handling lime or other toxic or caustic powdered chemicals
- Exposed to abnormal amounts of coal dust.
- Sandblasting
- Handling acids or caustics
- Handling asbestos
- Exposed to nuisance dust.
- Handling fly or bottom ash.
- Exposed to known radiation hazards.

Asbestos

References: 29 CFR ~~OSHA~~UOSH 1910.1001, "Asbestos;" and the Environmental Protection Agency's Worker Protection Rule 40 CFR 763, "Asbestos."

Airborne asbestos fibers, in significant quantity, can cause bodily harm if inhaled. Whenever asbestos could be released from materials, equipment. or facilities, Heber Light & Power shall first consult with an EPA- approved contractor.

Heber Light & Power will engage the services of a third-party asbestos removal expert for tasks involving asbestos removal.

For additional information concerning asbestos requirements, refer to the Environmental Protection Agency's Worker Protection Rule 40 CFR 763, "Asbestos."

PCB Safety Guidelines

Polychlorinated biphenyls (PCBs) are hazardous substances that can pose significant health risks, making it essential for anyone who handles them to follow strict safety protocols.

First and foremost, personal protective equipment (PPE) is crucial. It is important to wear appropriate gear, including gloves, goggles, and respirators, to minimize exposure during handling or cleanup.

When it comes to storage, PCBs should be kept in clearly labeled, sealed containers that are resistant to chemical degradation. These containers must be stored in designated areas, away from any incompatible materials to prevent accidental reactions.

Given the potential for spills, being prepared is key. Having spill kits readily available can help manage any incidents swiftly. All personnel should be trained in spill response procedures to ensure they know how to contain and clean up spills effectively.

Proper ventilation in areas where PCBs are handled is also vital. Good airflow can significantly reduce the risk of inhalation, further protecting the health of employees.

Training is another critical aspect of PCB safety. Employees who may come into contact with PCBs should receive comprehensive training on safe handling practices, emergency procedures, and the associated health risks.

jnorlen Sep 20
Should PCB's be included I
Add a reply

Commented [JR35]:

Commented [JR36R35]: See entry below.

Formatted: Heading 2, Left, Indent: Left: 0", First line: 0", Right: 0", Space Before: 0 pt

Finally, proper waste disposal is essential. PCB-containing materials must be disposed of in accordance with local, state, and federal regulations, and they should never be thrown away with regular waste.

Compressed Gases and Welding

Reference: ~~29 CFR~~ ~~OSHA~~UOSH and 29 CFR 1910, Subpart H, "Hazardous materials."

The contents of compressed gas cylinders shall be properly identified. Compressed-gas cylinders shall not be dropped, jarred, or exposed to temperature extremes. Cylinders, whether full or empty, shall be stored in an upright position and chained, or otherwise secured so they cannot fall. When transporting, moving, or storing compressed-fuel gas cylinders, the valve protection caps shall be in place. Cylinders must be in a secured, upright position when in storage. When transported by powered vehicles, cylinders shall be secured in a vertical upright position with the valve cap or valve protection device in place. They shall not be rolled but carried in a suitable cradle or other device.

Cylinders without fixed hand wheels shall have keys, handles, or non-adjustable wrenches on the valve stems while the cylinders are in service. Check valves shall be properly installed on regulators, hoses, or both. Oil and grease must not be allowed to meet the valves or regulators of oxygen cylinders. All cylinder valves shall be closed when not in use.

Oxygen cylinders in storage shall be separated from fuel-gas cylinders or combustible materials (especially oil or grease) by a minimum distance of 20 feet or by a five-foot-tall, non-combustible barrier.

Hydrogen and fuel-gas cylinders shall be stored only in a separate room, compartment, building, or shelter specifically designed for that purpose.

A **"Danger–No Smoking, Matches, or Open Lights"** sign or equivalent wording shall be clearly posted in rooms or at entrances to areas where fuel gas is used or stored.

Welding and cutting shall be performed by qualified workers. Before welding or cutting is started, the area shall be inspected for fire hazards.

When welding or cutting is done in elevated positions, precautions such as barricading the area below shall be taken to prevent sparks or hot metal from falling onto people or flammable material.

Properly rated fire extinguishing equipment shall be immediately available at all locations where welding and cutting is performed. A fire watch shall be maintained wherever welding or cutting is performed in locations where combustible materials present a fire hazard. A fire check shall be made of the area one half hour after completion of welding.

To protect eyes, face, and body during welding and cutting, the operator shall wear an approved helmet or goggles and proper protective gloves and clothing. Helpers or attendants shall wear proper eye protection. Other employees shall not observe welding operations unless they use approved eye protection.

Machinery, tanks, equipment shafts, or pipes that could contain explosive or highly flammable materials shall be thoroughly cleaned, evacuated, and purged before heat is applied. In dusty or gaseous spaces where an explosion is possible, employees should not engage in welding or cutting until the space is adequately ventilated.

Where the work permits, the welder shall be enclosed in an individual booth or shall be enclosed within noncombustible screens. The welder is responsible for warning workers or other

jnorlen Sep 20
For all gases?
Add a reply

Commented [JR37]:

Commented [JR38R37]: Yes, unless the manufactures SDS specifies another way for transporting the compressed gas cylinder.

persons adjacent to the welding area. Everyone near welding operations must be protected from rays with shields or shall be required to wear appropriate eye and face protection.

Potentially hazardous materials in fluxes, coatings, coverings, and filler metals are released into the atmosphere during welding or cutting operations. While welding or cutting, adequate ventilation or approved respiratory protection shall be used. Special precautions shall be taken when using materials that contain cadmium, fluorides, mercury, chlorinated hydrocarbons, stainless steel, zinc, galvanized materials, beryllium, and lead.

Radio Frequency Exposure (Cellular Antennas)

Throughout Heber Light & Power's service area, wireless transmitting devices for cell phone communication are mounted on selected streetlights and power poles. These devices generate radio-frequency (RF) energy, necessitating caution when working nearby.

Employees must adhere to the distances specified on all RF warning signs, unless the equipment has been confirmed as de-energized. It's important to treat all antennas as energized until proper confirmation is obtained that they have been de-energized and will remain so, following the established procedures.

In addition to these safety measures, Heber Light & Power employees are not permitted to repair or adjust cellular devices installed on its structures by other companies. If a cellular device or structure is damaged—such as from a vehicle collision—the affected device must be taken to the designated collection point for return to its owner. Heber Light & Power will notify the owner of any cellular device taken out of service, if required by contract.

To further enhance safety around RF radiation, employees should follow the 6.6.6. rule: maintain a distance of at least 6 feet from RF sources, limit exposure to no more than 6 minutes in higher-exposure areas, and ensure that total daily exposure does not exceed 6 hours. By following these guidelines, employees can help ensure their safety while working near RF-generating devices.

~~Wireless transmitting devices for cell phone transmission are placed on selected streetlight and power poles throughout Heber Light & Power's service area. These devices generate radio-frequency energy that requires caution when working near them. Maintain prescribed distances specified on all radio-frequency warning signs, unless the equipment has been de-energized.~~

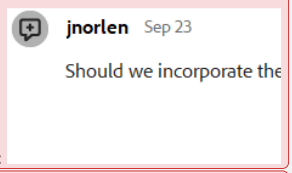
~~All antennas are to be considered energized unless confirmation has been obtained that they have been de-energized and will remain de-energized, in accordance with appropriate procedures.~~

~~Heber Light & Power employees shall not repair or adjust cellular devices installed on Heber Light & Power structures that are operated by other companies. If Heber Light & Power's structure or cellular device is damaged due to a car hit pole or other event, the cellular device shall be taken to Heber Light & Power's designated collection point for return to the owner. Heber Light & Power will notify the owner of any cellular device taken out of service by Heber Light & Power, if required by contract.~~

Control of Hazardous Energy (LOTO)

Some areas of Heber Light & Power's facilities require machines, equipment, or devices requiring servicing and maintenance to be de-energized and placed in a Lockout/Tagout (LOTO) condition. Refer to Appendix F.

Commented [JR39]:



Commented [JR40R39]: Rewrote for clarity and to include 6.6.6. rule.

Appendix A: Heat Exposure Policy

Purpose

This outdoor heat exposure policy establishes the authority, responsibility, and procedures required to develop and maintain a safe and healthful working environment for employees

exposed to temperature extremes, radiant heat, humidity, or limited air movement, which could create heat-related illnesses. All affected employees working on Heber Light & Power facilities shall follow the policy and procedures detailed in this section.

Definitions

Acclimatization: The body's temporary adaptation to work in the heat that occurs gradually as a person is exposed to increased temperatures.

Drinking water: Potable water that is suitable to drink. Drinking water packaged as a consumer product and electrolyte-replenishing beverages (e.g., sports drinks) that do not contain caffeine are acceptable.

Double-layer woven clothing: Clothing worn in two layers allowing air to reach the skin. For example, double-layer woven clothing could be coveralls worn on top of regular work clothes.

Engineering controls: The use of devices to reduce exposure and aid cooling (e.g., air conditioning).

Environmental factors for heat-related illness: The working conditions that increase the susceptibility for heat-related illness including air temperature, relative humidity, radiant heat from the sun and other sources, conductive heat sources such as the ground, air movement, workload severity and duration, and personal protective equipment worn by employees.

Heat-related illness: A medical condition resulting from the body's inability to cope with a particular heat load. This includes, but is not limited to, heat cramps, heat rash, heat exhaustion, fainting, and heat stroke.

Heat-related illness hazard: The exposure to environmental factors for heat-related illness.

Incidental outdoor exposure: Limited non-strenuous outdoor expo- sure such as an employee who works in an air-conditioned building who may be outdoors to travel from one building to another, or a fork- lift operator normally working in a warehouse who occasionally drives a load outside the warehouse.

Outdoor environment: An environment where work activities are con- ducted outside. Work environments such as inside vehicle cabs, sheds, and tents or other structures may be considered an outdoor environment if the environmental factors affecting temperature are not managed by engineering controls.

Personal factors for heat-related illness: Factors including, but not limited to, an individual's age, degree of acclimatization, medical conditions, water consumption, alcohol consumption, caffeine consumption, nicotine use, and use of prescription and nonprescription medications that affect the body's water retention or other physiological responses to heat.

Vapor barrier clothing: Clothing that significantly inhibits or completely prevents sweat produced by the body from evaporating into the outside air. Such clothing includes encapsulating suits, various forms of chemical resistant suits used for PPE, and other forms of non-breathing clothing.

Shade: The blockage of direct sunlight. Canopies, umbrellas and other temporary structures or devices may be used to provide shade.

General

The aim of this policy is to minimize the risk of heat-related injuries among Heber Light & Power employees engaged in outdoor work. It becomes applicable when employees are exposed to outdoor heat equal to or surpassing the temperatures specified in Table A-1. It's important to

note that this policy excludes instances of brief, incidental outdoor exposure where employees are not mandated to engage in outdoor work activities for more than 15 minutes within any 60-minute period.

Heber Light & Power will ensure an adequate quantity of drinking water is readily accessible to employees at all Heber Light & Power facilities. Before leaving Heber Light & Power facilities, all employees should ensure an adequate amount of drinking water will be available during the workday for each employee.

Employees should consume water throughout the day to ensure they stay hydrated. Each employee is responsible for monitoring their own personal factors for heat-related illness. Research indicates employees working in areas where the environmental factors for heat-related ill- ness can occur should drink at least one quart of drinking water per hour.

Employees must consistently watch for signs of heat-related illness in their colleagues. If a worker displays symptoms, they should be relieved from duty and provided with effective means to lower their body temperature. Monitoring should assess whether medical attention is required for employees exhibiting signs of heat-related illness.

Training

All affected Heber Light & Power employees assigned to work in an outdoor environment will receive heat exposure training before outdoor temperatures exceed Table A-1. The training for heat exposure will include the following:

- The environmental factors that contribute to the risk of heat- related illness
- General awareness of personal factors that may increase susceptibility to heat-related illness including, but not limited to, an individual's age, degree of acclimatization, medical conditions, drinking water consumption, alcohol use, caffeine use, nicotine use, and use of medications that affect the body's responses to heat.
- The importance of removing heat-retaining personal protective equipment such as non-breathable chemical-resistant clothing during all breaks.
- The importance of frequent consumption of small quantities of drinking water or other acceptable beverages
- The importance of acclimatization
- The different types of heat-related illness, and the common signs and symptoms of heat-related illness
- The importance of immediately reporting signs or symptoms of heat-related illness in either themselves or in co-workers to the person in charge and the procedures the employee must follow including appropriate emergency response procedures.

Heber Light & Power supervisors and lead workers overseeing employees exposed to outdoor heat at or above the levels specified in Table A-1 must undergo the following training before temperatures surpass those outlined in Table A-1:

- The information required to be provided to employees listed in the section above.
- The procedures detailed in this policy.
- The procedures the supervisor or lead worker must follow if an employee exhibits signs or symptoms consistent with possible heat-related illness, including appropriate emergency response procedures.
- Procedures for moving or transporting an employee(s) to a place where the employee(s) can be reached by emergency medical service provider, if necessary

Table A-1. Required Clothing

Required Clothing or PPE to Perform Task	**Outdoor Temperature Action Level**
Non-breathing clothes including vapor barrier clothing or PPE such as chemical resistant suits.	52°F
Double-layer woven clothes including coveralls, jackets, and sweatshirts	77°F
All other clothing	89°F

Table A-2 helps recognize the main types of heat-related illnesses, symptoms, and the appropriate treatment to reduce the effects of the heat-related illness.

Table A-2. Heat-Related Symptoms and Treatment Chart

Illness	**Symptoms**	**Treatment**
Heat Cramps	Muscle spasms in legs or abdomen	Move person to a cooler location, stretch muscles for cramps, give cool water or electrolyte-containing fluid to drink.
Heat Exhaustion	Headaches, clumsiness, dizziness, light-headedness, fainting, weakness, exhaustion, heavy sweating, clammy and moist skin, irritability, confusion, nausea, vomiting, paleness	Move person to a cooler place (do not leave alone), loosen and remove heavy clothing that restricts evaporation. If person is conscious, provide small amounts of cool water to drink, fan person, spray with cool water, or apply a wet cloth to skin. to increase evaporative cooling. Call 911 if not feeling better within a few minutes.
Heat Stroke	Sweating may or may not be present; red or flushed; hot, dry skin; bizarre behavior; mental confusion or losing consciousness; panting or rapid breathing; weak pulse; seizures or fits.	Call 911; move person to a cooler place (do not leave alone); cool worker rapidly; loosen and remove heavy clothing that restricts evaporation; fan person; spray with cool water or apply a wet cloth to skin to increase evaporation.

Appendix B: Permit-Required, Confined and Enclosed Spaces

Purpose

This procedure covers the entry, working within, and exiting of Heber Light & Power's confined spaces and enclosed spaces.

References

29 CFR ~~OSHA~~UOSH 1910.146, "Confined Spaces."

Definitions

Attendant: An employee stationed outside a confined space or enclosed space who monitors the Authorized Entrant and performs all attendant duties specified in this procedure.

Authorized Entrant: An employee who is authorized by Heber Light & Power to enter a confined space or enclosed space.

Confined space: A space that is **ALL** of the following:

1. Is large enough and so configured that an employee can bodily enter and perform assigned work, and
2. Has limited or restricted means of entry or exit (for example, tanks, vessels, silos, storage bins, hoppers, vaults and pits are spaces that may have limited means of entry), and
3. Is not designed for continuous employee occupancy.

Emergency: Any occurrence (including employee injury, or failure of hazard control or monitoring equipment) or event, internal or external, to the confined space or enclosed space that could endanger the Authorized Entrant.

Enclosed space: A working space, such as a manhole, vault, tunnel, or shaft, that has a limited means of egress or entry, that is designed for periodic employee entry under normal operating conditions, and that under normal conditions does not contain a hazardous atmosphere but may contain a hazardous atmosphere under abnormal conditions.

Engulfment (engulfing): The surrounding and effective capture of a person by a liquid, or finely divided (flow-able) solid substance that can be aspirated to cause death by filling or plugging the respiratory system, or that can exert enough force on the body to cause death by strangulation, constriction, or crushing.

Entry: Considered to have occurred as soon as any part of the Authorized Entrant's body breaks the plane of an opening into the con- fined space or enclosed space.

Confined-Space Entry Permit (Attachment 1): A document that when completed details the location, the work to be performed, the Authorized Entrant(s), the safety precautions and PPE, the condition of the confined space, and the signature of the Entry Supervisor.

Confined-space rescue team: Heber Light & Power employees who have been trained and assigned to a confined-space rescue team.

Entry supervisor: Crew leader, crew chief, or authorized person assigned by Heber Light & Power who is responsible for determining if acceptable entry conditions are present, authorizes entry, oversees entry, oversees work performed within the enclosed space, oversees exit, and terminates entry if required.

Hazardous atmosphere: An atmosphere that may expose employees to the risk of death, incapacitation, impairment, ability to self-rescue, injury, or acute illness from one or more of the

following causes:

1. Flammable gas, vapor, or mist in excess of 10% of its lower flammable limit (LFL)
2. Airborne combustible dust at a concentration that meets or exceeds its LFL.
3. Atmospheric oxygen concentration below 19.5% or above 23.5%
4. Atmospheric concentration of any substance for which a dose or a permissible exposure limit is published in ~~OSHA~~UOSH "General Occupation Health Standards," and which could result in employee exposure in excess of its dose or permissible exposure limit.
5. Any other atmospheric condition that is immediately dangerous to life or health

Immediately dangerous to life or health (IDLH): Any condition

that poses an immediate or delayed threat to life or that would cause irreversible adverse health effects or that would interfere with an individual's ability to escape unaided from a confined space.

> **NOTE:** Some materials—hydrogen fluoride gas and cadmium vapor, for example—may produce immediate transient effects that, even if severe, may pass without medical attention but are followed by sudden, possibly fatal collapse 12–72 hours after exposure. The victim "feels normal" from recovery from transient effects until collapse. Such materials in hazardous quantities are considered to be "immediately" dangerous to life or health.

Lower explosive limit (LEL) or lower flammable limit (LFL) of a vapor or gas: The lowest concentration (lowest percentage of the sub- stance in air) that will produce a flash of fire when ignition sources are present.

Non-permit confined space: A confined space that does not contain atmospheric hazards or has the potential to contain any hazard capable of causing death or serious physical harm. A permit-required confined space can be reclassified to non-permit confined space if, in the permit- required confined space:

1. No actual or potential atmospheric hazards have been discovered by testing, and
2. All other hazards are eliminated without entering space and remain eliminated.

Oxygen-deficient atmosphere: An atmosphere containing less than 19.5% oxygen by volume.

Oxygen-enriched atmosphere: An atmosphere containing more than 23.5% oxygen by volume.

Permissible exposure limit (PEL): The maximum exposure concentration allowed.

Permit-required confined space (permit space): A confined space

that has one or more of the following characteristics:

3. Contains, or has the potential to contain, a hazardous atmosphere.
4. Contains a material that has the potential for engulfing an Authorized Entrant
5. Has an internal configuration such that an Authorized Entrant could be trapped or asphyxiated by an inwardly converging wall or by a floor that slopes down and tapers to a small cross section.
6. Contains other recognized serious safety or health hazards.

Retrieval system: The equipment (including retrieval line, full-body harness, lifting device, and anchor) used for rescue of person from a confined space.

Testing: The process of identifying and evaluating potential hazards within a confined space or enclosed space.

> **NOTE:** Testing enables Heber Light & Power to devise and implement adequate control measures

and to determine if acceptable entry conditions are present immediately prior to and during entry.

Toxic atmosphere: An atmosphere having concentrations of airborne chemicals/gases in excess of permissible exposure limits.

General Requirements

A permit-required confined space has one or more of the following characteristics:

- Contains or has the potential to contain a hazardous atmosphere.
- Contains a material that has the potential for engulfing an Authorized Entrant
- Has an internal configuration such that an Authorized Entrant could be trapped or asphyxiated by inwardly converging walls or by a floor that slopes down and tapers to a small cross section.
- Contains other recognized serious safety or health hazards.

Heber Light & Power shall mark all permit-required confined spaces located within the

substations with a sign stating:

A permit-required confined space can be reclassified to non-permit entry confined space if, in the permit-required confined space:

- No actual or potential atmospheric hazards have been detected through atmospheric testing, and
- All other hazards are eliminated without entering space and remain eliminated.

A non-permit confined space does not contain atmospheric hazards or has the potential to contain any hazard capable of causing death or serious physical harm.

An enclosed space (manholes, vaults, grout gallery, tunnels or shafts)

has:

- A limited means of egress or entry, and
- Is designed for periodic employee entry under normal operating conditions, and
- Under normal conditions does not contain a hazardous atmosphere but may contain a hazardous atmosphere under abnormal conditions.

This confined-space procedure does not apply to vented vaults if a determination is made that the ventilation system is operating to protect employees before they enter the space.

Entrants

A current list of the names of all Authorized Entrants entering, working within, and exiting the confined space shall be continuously maintained by the attendant.

All authorized entrants shall wear a full-body harness connected to a rescue line allowing for a rescue of the authorized entrant without entering the confined space.

Authorized entrants shall use proper ladders and entrance equipment when entering and exiting a confined space or enclosed space.

Constant communication, when applicable, shall be maintained between the attendant and the authorized entrant(s) while entering, working within and exiting the confined space.

If conditions change as a result of fumes from welding, cleaning soil- vents, paints, or epoxy or if a recognized serious health hazard should arise, classification of the confined space or enclosed space shall be re-evaluated.

A Confined-Space Entry Permit (Attachment 1) shall be completed before entering a confined space.

Air monitoring shall be performed by the attendant and recorded on the Confined-Space Entry Permit (Attachment 1).

Completed Confined-Space Entry Permits shall be retained for a minimum for one (1) year after the work is complete. The retained mate- rial shall document the actual atmosphere and all Authorized Entrant(s) who entered and/or worked within the confined space.

Training

Heber Light & Power shall train each employee involved in confined-space and enclosed-space activities. The training shall cover the understanding, knowledge, and skills necessary to safely perform their assigned duties. Training can be accomplished by observing each employee's performance during training exercises that simulate actual confined-space conditions, by a comprehensive written examination, or any other method that is effective for Heber Light & Power. The training shall include:

- Recognizing confined spaces
- Evaluating possible hazards
- The proper operation of Heber Light & Power's testing and monitoring equipment
- The operation of ventilating equipment, communication equipment, ladders, rescue equipment, and lighting equipment
- Proper use of personal protective equipment
- Knowledge in the duties of an Entry Supervisor, Attendant and Authorized Entrant

Heber Light & Power shall certify each employee's proficiency in their assigned duties after the employee has demonstrated their proficiency. The documentation of employee's confined-space training shall include the employee's name, instructor's signature, and the date of the training. This document shall be available for inspection by the employee and their authorized representative.

Canceled entry permits shall be reviewed within one (1) year following each entry along with a review of this procedure. If revisions are made, retraining of affected employees is required.

Procedure to Enter

a Permit-Required Confined Space

To allow an Authorized Entrant(s) to enter a permit-required con- fined space, the following procedures shall be completed:

1. Identify the permit-required confined space to be entered and purpose for entry.
2. Verify the date and authorized duration of the entry permit.
3. Identify and assign the task of Entry Supervisor, Attendant, and Authorized Entrant(s). Each employee shall be trained and certified for the task assigned as required in this procedure. At least one employee shall be assigned the task of Attendee and

   shall remain directly outside the permit-required confined space while an Authorized

Entrant(s) is entering, working within, or exiting the permit-required confined space.

4. Implement measures necessary to prevent unauthorized entry into the permit-required confined space, including barricade, and secure the area around the permit-required confined space.
5. Identify all potential hazards involved with entering and working within the permit-required confined space.
6. Ensure all clearances and lockout/tagout procedures are complete and issued.
7. Verify all testing and monitoring equipment is calibrated and operating properly.
8. Ensure all rescue equipment is accessible and in good working order and notify the confined-space rescue team.
9. Ensure all required personal protective equipment (PPE), ventilating equipment, communication equipment, ladders, rescue equipment, and lighting required to perform the assigned work is accessible and in good working order.
10. Conduct atmospheric testing procedures in the following order:
    a. Perform atmospheric testing for oxygen concentration levels. Oxygen levels within the permit-required confined space shall be within 19.5% and 23.5% before proceeding. Record time and oxygen levels in Confined-Space Entry Permit, Section 1, then:
    b. Perform atmospheric testing for toxic gas and vapors. Record time and testing levels on the Confined-Space Entry Permit, Section 1.
11. All affected employees may observe, and review monitoring and testing required for entrance into permit-required confined spaces at any time.
12. The Entry Supervisor shall review, approve if acceptable, and sign Confined-Space Entry Permit, Section 2.
13. If the air limits of the confined space are unsafe and **cannot** be brought within acceptable ranges using ventilation, the space shall continue to be classified as Permit-Required Confined Space, and Section 3 of the Confined-Space Entry Permit shall be filled out and signed by the Entry Supervisor.
14. Prior to entering a permit-required confined space, the Entry Supervisor shall verify the condition of the permit-required confined space, ensure entrance and/or work is safe, and attach the completed Confined Space Entry Permit to the entrance of the confined space.

Procedure to Reclassify a Permit-Required Confined

Space into a Non-Permit-Required Confined Space

A Non-Permit Confined Space is a confined space that does **not** contain actual hazards or potential hazards capable of causing death or serious physical harm. To reclassify a Permit-Required Confined Space into a Non-Permit Confined Space, the following procedures shall be completed:

1. Identify the confined space to be entered and purpose for entry.
2. Verify the date and authorized duration of the entry permit.
3. Identify and assign the task of Entry Supervisor, Attendant, and Authorized Entrant. Each employee shall be trained and certified for the task assigned as required in this procedure. At least one employee shall be assigned the task of Attendee and shall remain directly outside the confined space, while an Authorized Entrant(s) is entering, working within, or exiting the confined space.
4. Implement measures necessary to prevent unauthorized entry into the permit-required confined space, including barricade, and secure the area around the permit-required

confined space.

5. Identify all potential hazards involved with entering and working within the confined space.
6. Ensure all clearances and lockout/tagout procedures are complete and issued.
7. Verify all testing and monitoring equipment is calibrated and operating properly.
8. Ensure all rescue equipment is accessible and in good working order and notify the confined-space rescue team.
9. Ensure all required personal protective equipment (PPE), ventilating equipment, communication equipment, ladders, and lighting required to perform the assigned work is accessible and in good working order.
10. Conduct atmospheric testing procedures in the following order:
    a. Perform atmospheric testing for oxygen concentration levels. Oxygen levels within the permit-required confined space shall be within 19.5% and 23.5% before proceeding. Record time and oxygen levels in the Confined-Space Entry Permit, Section 1, then:
    b. Perform atmospheric testing for toxic gas and vapors. Record time and testing levels on the Confined-Space Entry Permit, Section 1.
11. All affected employees may observe, and review monitoring and testing required for entrance into confined spaces at any time
12. A permit-required confined space that shows initial unsafe air limits can still be reclassified to non-permit if ventilation alone is sufficient to maintain safe air limits; however, continuous air monitoring is required.
13. If recorded air limits are safe and all the requirements listed above are complete, the Entry Supervisor shall review, approve if acceptable, and sign Confined-Space Entry Permit, Section 2.

    The permit-required confined spaces can then be reclassified as a non-permit-required confined space.

Rescue

Confined-space entry requires that a plan for emergency rescue be developed and completed prior to entry.

If other emergency phone numbers not listed on the Confined-Space Entry Permit, Section 1, are used, they shall be added to the Confined Space Entry Permit, Section 1, under Emergency Phone Numbers.

Rescue of Authorized Entrants inside a confined space will be the responsibility of Heber Light & Power's trained confined space rescue team. The Attendant or Entry Supervisor shall notify Heber Light & Power's supervisor of the confined-space rescue team or the local fire department.

Duties of the Entry Supervisor

The Entry Supervisor shall be trained and certified by Heber Light & Power and shall:

- Ensure all clearance and/or lockout/tagout procedures have been completed.
- Ensure Sections 1 and 2, (and if required, Section 3) of Heber Light & Power's Confined-Space Entry Permit have been fully completed.
- Ensure all tests specified by Heber Light & Power's Confined-Space Entry Permit have been completed.
- Ensure all procedures and equipment specified by Heber Light & Power's Confined-Space Entry Permit are in place.

- Verify the Confined-Space Rescue Team is available and communication lines have been established.
- Authorize entry into a permit-required confined space by signing Heber Light & Power's Confined-Space Entry Permit and posting the permit on the confined-space entrance.
- Supervise the entry procedure by the Authorized Entrant(s).
- Remain aware of any changes to potential hazards during entry and work within the confined space.
- Monitor the health of the Authorized Entrant(s) for signs or symptoms of potentially harmful exposure.
- Ensure unauthorized individuals remain outside of the barricaded confined-space perimeter.
- Terminate entry and cancel the permit when:
  - The assigned job is complete within the confined space.
  - Any potentially hazardous condition is identified.
- Have a current CPR certification.

Duties of the Authorized Entrant

An Authorized Entrant shall be trained and certified by Heber Light & Power as a confined-space and enclosed-space Authorized Entrant and shall:

- Know of all hazards that may exist within confined or enclosed space.
- Know the proper use of necessary equipment within the confined or enclosed space.
- Remain in communication with the Attendant.
- Alert the Attendant whenever signs or symptoms of exposure occur, or dangerous conditions become apparent.
- Exit from the confined or enclosed space as soon as possible when ordered to do so by the Attendant or Entry Supervisor.
- Exit from the confined or enclosed space when signs, symptoms, or dangerous conditions are identified.
- Exit if an evacuation alarm is activated.
- Have a current CPR certification.

Duties of a Confined-Space Attendant

An Attendant shall be trained and certified by Heber Light & Power and shall:

- Remain aware of any changes to potential hazards during entry and work within the confined space.
- Monitor the health of the Authorized Entrant(s) for signs or symptoms of potentially harmful exposure.
- Maintain an accurate record of the Authorized Entrant(s) entering, working within, and exiting the confined space.
- Communicate regularly with the Authorized Entrant(s) to monitor their status or alert them if an evacuation of the confined space is required.
- Monitor activities both inside and outside the perimeter of the confined space to ensure it is safe for the Authorized Entrant(s) to remain in the confined space.
- Order Authorized Entrant(s) to evacuate the confined space immediately if any of the following conditions occur:
  - Any conditions listed in Section 1 or 2 of Heber Light & Power's Confined-Space Entry Permit changes.
  - Behavior of the Authorized Entrant(s) change.

  - A situation occurs outside the confined space that could endanger the Authorized Entrant(s).
  - The Attendant cannot effectively and safely perform all the duties of the Attendant required in this procedure.
- Warn unauthorized persons to stay away from the confined-space parameter.
- Perform non-entry rescue when required.
- Perform no duties that might interfere with their primary task as an Attendant.
- Request rescue assistance and other emergency services as needed.
- Monitor entry and work within the confined space until relieved by another Attendant or all Entrants are out of the confined space.
- Have a current CPR certification.

Enclosed-Space Procedure

Most electric utility manholes and vaults are considered an enclosed space. If the manhole or vault does not meet the Enclosed-space Specification, it must be considered a confined space, and the Confined- space Procedure in this policy must be followed. Before entering manholes and vaults, refer to the enclosed space section for proper entrance and exit procedures.

Ladders shall be used to enter and exit manholes and vaults if the depth is more than four (4) feet. Cables and hangers within manholes and vaults shall not be used as steps.

Tools, equipment, and other materials shall be lowered and lifted, into manholes and vaults using rated lifting equipment. Workers inside of the manhole or vault shall be clear of the opening when tools, equipment, and other material are lowered or lifted.

Before workers enter a manhole or vault containing energized cables, the cables shall be visually inspected for damage and abnormalities. If any damage or abnormality of the cable is found, or the planned work could lead to a cable failure, the cable shall be de-energized and grounded before workers can enter the manhole or vault.

Before working with multiple cables, the cable to be worked shall be clearly identified.

Procedure to Enter an Enclosed Space

Only Authorized Entrants may enter an enclosed space if it is found to have no actual or potential hazards. If actual or potential hazards exist or continue to exist after testing and/or ventilating, the enclosed space shall be considered a permit-required confined space.

Before any cover of an enclosed space is removed, it shall be deter- mined whether it is safe to do so by checking for the presence of any atmospheric pressure or temperature differences and by evaluating whether there might be a hazardous atmosphere in the space.

When covers are removed from enclosed spaces, the opening shall be promptly guarded by a railing, temporary cover, or other types of barriers intended to protect Authorized Entrant(s) working in the space from falling objects.

Before an Authorized Entrant enters an enclosed space, the internal atmosphere shall be tested for oxygen deficiency with a Heber Light & Power- approved meter. If continuous forced air ventilation is provided, testing is not required—provided that the procedure used ensures the Authorized Entrant is not exposed to oxygen deficiency.

If the air within the enclosed space is found within tolerance, the enclosed space shall be tested for flammable gases and vapors with a Heber Light & Power-approved meter to determine whether a given concentration of a substance is hazardous.

If continuous forced air ventilation is used, it shall begin before entry is made and shall be maintained long enough to ensure that a safe atmosphere exists before Authorized Entrant(s) can enter the enclosed space. The forced air ventilation shall continue until the Authorized Entrant(s) leaves the enclosed space.

If open flames are used in enclosed spaces, a test for flammable gases and vapors shall be made immediately before the open-flame device is used and at least once per hour while the device is in use. Testing shall be conducted more frequently if conditions present in the enclosed space indicate that once per hour is insufficient to detect hazardous accumulations of flammable gases or vapors.

When work is being performed in an enclosed space, an Attendant shall remain near the entrance of the enclosed space and maintain communication with the Authorized Entrant(s). If a potential hazard exists inside or outside the enclosed space, the Attendant shall remain above the enclosed space to ensure that the hazard does not expose the Authorized Entrant(s) to injury. If no potential hazard exists, then the Attendant may periodically enter the enclosed space to assist for brief moments. The Attendant may perform other duties outside the enclosed space if these duties do not distract the Attendant from monitoring the Authorized Entrant(s) within the enclosed space.

A single Authorized Entrant may enter an enclosed space briefly to inspect, perform housekeeping, and take readings as long as the Authorized Entrant is protected from any potential hazard.

A ladder or other climbing device shall be used to enter and exit an enclosed space exceeding four (4) feet in depth. No employee may climb into or out of an enclosed space by stepping on cables or hangers.

Equipment used to lower materials and tools into a confined or enclosed space shall be capable of supporting the weight to be lowered and shall be checked for defects before use. Before tools or material are lowered into the opening for a confined space, each employee working in the confined space shall be clear of the area directly under the opening.

Cables to be worked must be identified by electrical means unless its identity is obvious, and any energized cable that needs to be moved must be inspected for defects. If a potentially defective cable (for example: leaking compound, swollen joint, sheath breaks) is found, that cable must be de-energized. Sheath continuity for cables must be maintained or the cable sheath must be treated as energized.

Duties of an Enclosed-Space Attendant

An Enclosed-Space Attendant shall be trained and certified by Heber Light & Power and shall:

- Remain aware of any changes to potential hazards during entry and work within the enclosed space.
- Monitor the health of the Authorized Entrant(s) for signs or symptoms of potentially harmful exposure.
- Communicate regularly with the Authorized Entrant(s) to monitor their status or alert them if an evacuation of the enclosed space is required.
- Monitor activities both inside and outside the perimeter of the enclosed space to ensure it is safe for the Authorized Entrant(s) to remain in the enclosed space.
- Order Authorized Entrant(s) to evacuate the enclosed space immediately if any of the following conditions occur:
  - Behavior of the Authorized Entrant(s) changes.
  - A situation occurs outside the enclosed space that could endanger the Authorized

Entrant(s).
    - The Attendant cannot effectively and safely perform all the duties of the Attendant required in this procedure.
    - Warn unauthorized persons to stay away from the enclosed- space parameter.
- If no potential hazard exists, then the Attendant may periodically enter the enclosed space to assist for brief moments.
- The Attendant may perform other duties outside the enclosed space if these duties do not distract the Attendant from monitoring the Authorized Entrant(s) within the enclosed space.
- Perform rescue when required.
- Request rescue assistance and other emergency services as needed.
- Monitor entry and work within the enclosed space until relieved by another Attendant or all Authorized Entrants are out of the enclosed space.
- Have a current CPR certification.

Attachment B-1:

Confined-Space Entry Permit

POST AT JOBSITE

SECTION 1. Approved Entrants' Names

1. _____
2. _____
3. _____
4. _____
5. _____
6. Issue Date: _____ Start Time: _____
7. Expiration Time: _____
8. Location of Work: _____

Nature of Work: _____

Special Procedures: _____

Atmospheric Testing

• Beginning of Work Shift **X** Continuous Monitoring

	1st	2nd	3rd	4th	5th	6th	7th	8th
Tested by (Initials)								
Time/Date								
0.2% (19.5–23.5%) Oxygen								
% Lower Explosive Limit (LEL) (10% or Less)								
CO (35 ppm) Carbon Monoxide								
H2s Hydrogen Sulfide								
CO2 Carbon Dioxide								

SECTION 2. Preparation

If answer to above is all "yes" proceed to reclassify to Non-Permit Confined Space.

Steps Taken to Eliminate/Control Hazards:

_____

_____

_____

_____

_____

_____

I certify that this is a Non-Permit Confined Space:

Name: _____ Date: _____

Signature: _____ Time: _____

SECTION 3. Permit-Required Confined Space only

Entry Supervisor Name _____ Date _____

Signature _____ Time _____

Attendant Name _____ Date _____

Signature _____ Time _____

Pre-Entry Briefing Conducted o Yes o No

Permit Space Hazards _____

_____

_____

In Case of Emergency

Notify: _____

The Following Items Are Complete:

Contents Removed/Purged ..... o Yes o No o N/A

Adequate/Safe Lighting	o Yes	o No	o N/A
Communication Device	o Yes	o No	o N/A
Secure Area (Signs, Barriers)	o Yes	o No	o N/A
Blanking/Disconnecting	o Yes	o No	o N/A
Walking/Work Surface Clean	o Yes	o No	o N/A
Fire Equipment in Place	o Yes	o No	o N/A
Tools Checked Safe	o Yes	o No	o N/A
Ventilation Provided	o Yes	o No	o N/A

Special Tools/Equipment (List) _____

_____

_____

_____

Personal Protective Equipment

Face Shield	o Yes	o No	o N/A
Goggles	o Yes	o No	o N/A
Gloves	o Yes	o No	o N/A
Hose Line	o Yes	o No	o N/A
Lifeline	o Yes	o No	o N/A
Boots	o Yes	o No	o N/A
Rain Suit	o Yes	o No	o N/A
Rescue Equipment	o Yes	o No	o N/A
Safety Harness	o Yes	o No	o N/A

Respirator Type _____ o N/A

Permit Deactivated By _____

Date _____ Time _____

Appendix B: Permit-Required Confined Space and Enclosed Space

Appendix C: Excavation, Trenching, and Shoring Procedure

Purpose

This procedure covers the proper work procedures for excavating, trenching, and shoring by Heber Light & Power. It is divided into two parts:

1. Excavations four (4) feet and less and excavations between four

   (4) feet and 20 feet where the soil is assumed to be Type C.

2. Excavations four (4) feet and deeper where a competent person oversees the excavation, and the soil is assumed to be something other than Type C.

References: 29 CFR ~~OSHA~~UOSH 1926.651 and 1926.652, "Excavation, Trenching and Shoring."

Definitions

Aluminum hydraulic shoring: A pre-engineered shoring system comprised of aluminum hydraulic cylinders (cross braces) used in con- junction with vertical rails (uprights) or horizontal rails (walers). Such systems are designed specifically to support the sidewalls of an excavation and prevent cave-ins.

Benching (benching system): A method of protecting employees from cave-ins by excavating the sides of an excavation to form one or a series of horizontal levels or steps, usually with vertical or near-vertical sur- faces between levels.

Cave-in: The separation of a mass of soil or rock material from the side of an excavation, or loss of soil from under an excavation shield or sup- port system, and its sudden movement into the excavation in a quantity that it could entrap, bury, injure, or immobilize a person.

Emergency: Any condition constituting a clear and present danger to life or property, or a customer service outage.

Excavation: Any person-made cut, cavity, excavation, or depression in the earth's surface, formed by earth removal.

Hazardous atmosphere: An atmosphere that, by reason of being explosive, flammable, poisonous, corrosive, oxidizing, irritating, oxygen deficient, toxic, or otherwise harmful, may cause death, illness, or injury.

Maximum allowable slope: The steepest incline of an excavation face that is acceptable for the most favorable site conditions as protection against cave-ins: expressed as the ratio of horizontal distance to vertical rise.

Shield (shield system): A structure that is able to withstand the forces imposed on it by a cave-in and thereby protect employees within the structure. Shields can be permanent structures or can be designed to be portable and moved along as work progresses. Additionally, shields can be either pre-manufactured or job-built in accordance with 29 CFR ~~OSHA~~UOSH 1910.652 regulations. Shields used in excavations are usually referred to as "excavation boxes" or "excavation shields."

Shoring (shoring system): A structure such as a metal hydraulic,

mechanical, or timber shoring system that supports the sides of an excavation and which is designed to prevent cave-ins.

Sloping (sloping system): A method of protecting employees from cave-ins by excavating to form sides of an excavation that are inclined away from the excavation so as to prevent cave-ins.

The angle of incline required to prevent a cave-in varies with differences in such factors as the soil type, environmental conditions of exposure, and application of surcharge loads.

Trench (trench excavation): A narrow excavation in relation to its length made below the surface of the ground. In general, the depth is greater than the width, but the width of a trench (measured at the bottom) is not greater than 15 feet. If forms or other structures are installed or constructed in an excavation so as to reduce the dimension measured from the forms or structure to the side of the excavation to 15 feet or less (measured at the bottom of the excavation), the excavation is also considered to be a trench.

Type C soil: Cohesive soil with an unconfined compressive strength of 0.5 tsf or less or:

- Granular soils including gravel, sand, and loamy sand; or
- Submerged soil or soil from which water is freely seeping; or
- Submerged rock that is not stable; or
- Material in a sloped, layered system where the layers dip into the excavation or a slope of four (4) horizontal to one (1) vertical (4H/1V) or steeper.

General Requirements

Since unknown hazards and situations can arise when the earth is opened, the procedures detailed below shall be followed by Heber Light & Power employees when excavation occurs. Since most excavations by Heber Light & Power are less than four (4) feet in depth, a protective system is not required if the lead person makes the assessment that there is no indication of a potential cave-in. If there is a potential cave-in hazard, some type of employee protection shall be implemented before workers can enter the excavation.

When excavations are between four (4) feet and 20 feet, the soil shall be assumed to be Type C, and some type of employee protection, such as sloping, sloping and benching, shoring walls, or the use of excavation boxes, shall be used before workers can enter the excavation.

The soil may be rated differently from Type C if the requirements in “Attachment 1” of this procedure are followed.

Heber Light & Power will provide training that covers the details of this procedure to all employees who are involved in excavating, trenching, and shoring.

Location

Before commencing any excavation work, Heber Light & Power must identify the location of all utility installations, such as sewer, telephone, gas, fuel, electric, water, and other underground systems that may be encountered. A Heber Light & Power representative is required to contact 811 at least two business days before the excavation begins. Once the underground facilities are located, Heber Light & Power is responsible for ensuring the markings are maintained throughout the project's duration.

When Heber Light & Power must excavate during emergency situations, the Utility Notification Center shall be notified of the emergency work as soon as possible.

Foreign Utilities

When excavating operations approach locations of marked foreign utilities, digging shall be performed by hand. When foreign utilities have been exposed, they shall be protected, supported, or removed to ensure the safety of all workers. If during the excavation process foreign utilities are discovered that were not located, all excavation work shall stop until it has been determined that it is safe to continue.

Surface Crossings

Surface crossing of excavations should not be made unless necessary. If necessary, they shall be permitted under the following conditions:

- Vehicle crossings must be designed by and installed under the supervision of a registered professional engineer.
- Walkways or bridges must:
  - Have a minimum clear width of 20 inches, and
  - Be fitted with standard rail and extend a minimum of 24 inches past the surface edge of the excavation.

Excavations four (4) feet or more in depth shall be provided with a fixed means of egress (stairways, ladders, ramps, or other means of egress), which shall be in the excavation within 25 feet of each worker. Ladders must be secured and extend a minimum of 36 inches above the landing.

Heavy Equipment

Employees are not allowed in the excavation while heavy equipment is digging.

When mobile equipment is operated adjacent to an excavation or is required to approach the edge of an excavation, and the operator does not have a clear and direct view of the edge of the excavation, a warning system shall be used such as barricades, hand or mechanical signals, or stop logs. If possible, the grade should be away from the excavation.

Excavations left unattended, left open overnight, or accessible to the public shall be protected by means of caution tape, fenced, or hole cover if possible.

Toxic Atmosphere Hazards

Employees shall not be permitted to work in excavations that have or could reasonably be expected to have hazardous and/or toxic atmospheres until they have been found safe. Excavations greater than four (4) feet in depth shall be tested before employees enter the excavation. Hazardous and/or toxic atmospheres include those with:

- Less than 19.5% oxygen or more than 23.5% oxygen
- A combustible gas concentration greater than 10% of the lower flammable limit
- Concentrations of hazardous substance that exceed those specified in the Threshold Limit Values for airborne contaminants established by the American Conference of Governmental Industrial Hygienists (ACGIH)

If an excavation could contain a hazardous atmosphere, atmospheric testing shall be conducted prior to entry. Testing shall be conducted before employees enter the excavation and should be done regularly to ensure that the excavation remains safe. The frequency of testing should be increased if carbon monoxide-producing equipment is operating in or near the excavation. Testing frequency should also be increased if welding, cutting, or burning is done in the excavation.

When controls intended to reduce the level of atmospheric contaminants to acceptable levels are used, testing shall be conducted as often as necessary to ensure that the atmosphere remains safe.

Emergency rescue equipment including safety harness and lifeline, or a basket stretcher, shall be readily available where hazardous atmospheric conditions exist, or may reasonably be expected to develop, during work in an excavation.

Employees required to wear respiratory protection must be trained, fit-tested, and enrolled in Heber Light & Power Respiratory Protection Program, Appendix D.

Water Hazards and Ground Stability

Employees shall not work in excavations where there is an accumulation of water, or in excavations in which water is accumulating, unless adequate precautions have been taken to protect employees against the hazards posed by water accumulation. The precautions necessary to adequately protect employees vary with each situation but could include special support or shield systems to protect from cave-ins, water removal to control the level of accumulating water, or use of a safety harness and lifeline.

If excavation work interrupts the natural drainage of surface water (such as streams), then diversion ditches, dikes, or other suitable means shall be used to prevent surface water from entering the excavation. The water diversion system used shall ensure there is adequate drainage of the area adjacent to the excavation.

Where the stability of adjoining sidewalks, pavements, buildings, walls, or other structures is endangered by excavation operations, support systems such as shoring, bracing, or underpinning shall be provided to ensure the stability of such structures for the protection of employees. Also, excavations below the level of the base or footing of any foundation or retaining wall that could be reasonably expected to pose a hazard to employees shall not be permitted unless:

1. A support system, such as underpinning, is provided to ensure the safety of employees and the stability of the structure; or
2. The excavation is in stable rock; or
3. A registered professional engineer has determined the structure is located far enough away from the excavation to not be impacted by the excavation activity; or
4. A registered professional engineer has determined the excavation work will not pose a hazard to employees.

Adequate protection shall be provided to protect employees from loose rock or soil that could pose a hazard by falling or rolling from an excavation face. Such protection shall consist of:

- Scaling to remove loose material.
- The installation of protective barricades to stop and contain falling material.
- Other means that provide equivalent protection

Spoils

Temporary spoils shall be placed no closer than two (2) feet from the surface edge of the excavation, measured from the nearest base of the spoil to the cut. This distance is not to be measured from the crown of the spoil deposit. This distance requirement ensures that loose rock or soil from the temporary spoil will not fall on employees in the excavation.

Spoils should be placed so that it channels rainwater and other run-off water away from the excavation. Spoils should be placed so that it cannot accidentally run, slide, or fall back into the excavation. Permanent spoil should be placed some distance from the excavation.

Protective Systems

Sloping and benching: Since most excavation work done by Heber Light & Power is within a relatively narrow right-of-way, sloping and benching is normally not possible. If it is determined sloping and benching is a viable option and the soil is assumed to be Type C, the maximum allowable slope of the excavation shall be 1-1/2–to–1 (slope angle of 34 degrees).

Shoring: Shoring is used when the location or depth of the cut makes sloping and benching to the maximum allowable slope impractical. There are two basic types of shoring: timber and aluminum hydraulic. Hydraulic shoring provides a critical safety advantage over timber shoring because workers do not have to enter the excavation to install it. All shoring shall be installed from the top down and removed from the bottom up. Hydraulic shoring shall be checked at least

once per shift for leaking hoses and/or cylinders, broken connections, cracked nipples, bent bases, and any other damaged or defective parts.

When aluminum shoring is used, Table C-1, on next page, shall be used to design and implement an aluminum shoring system.

Shielding (excavation box): Shielding is intended to protect workers from cave-ins and similar incidents and can be moved along the excavation. Any modifications to the shields must be approved by the manufacturer.

The excavated area between the outside of the excavation box and the face of the excavation should be as small as possible. The space between the excavation box and the excavation side must be backfilled to prevent lateral movement of the box.

Excavation boxes may also be used in combination with sloping and benching. The excavation box must extend at least 18 inches above the surrounding area if there is sloping toward the excavation. This can be accomplished by providing a benched area adjacent to the box. Shields may ride two (2) feet above the bottom of an excavation, provided they are calculated to support the full depth of the excavation and there is no caving under or behind the shield.

Table C-1. Aluminum Hydraulic Shoring • Waler System

Type C Soil

Depth of Trench (feet)	Wales		Hydraulic Cylinders						Timber Uprights		
	Vertical Spacing (feet)	Section Modules (In^2)	Width of Trench (feet)						Max. Horiz. Spacing (on center)		
			Up to 8		Over 8, up to 12		Over 12, up to 15		Solid Sheet	2 feet	3 feet
			Horiz. Spacing	Cylinder Diameter	Horiz. Spacing	Cylinder Diameter	Horiz. Spacing	Cylinder Diameter			
Over 4, up to 10	4	3.5	6.0	2 in.	6.0	3 in.	6.0	3 in.	3 x 12	—	—
		7.0	6.5	2 in.	6.5	3 in.	6.5	3 in.			
		14.0	10.0	3 in.	10.0	3 in.	10.0	3 in.			
Over 10, up to 15	4	3.5	4.0	2 in.	4.0	3 in.	4.0	3 in.	3 x 12	—	—
		7.0	5.5	3 in.	5.5	3 in.	5.5	3 in.			
		14.0	8.0	3 in.	8.0	3 in.	8.0	3 in.			
Over 15, up to 20	4	3.5	3.5	2 in.	3.5	3 in.	3.5	3 in.	3 x 12	—	—
		7.0	5.0	3 in.	5.0	3 in.	5.0	3 in.			
		14.0	6.0	3 in.	6.0	3 in.	6.0	3 in.			
Over 20	Must be designed by a professional engineer.										

Workers must enter and leave the shield in a protected manner, such as by a ladder or ramp. Workers may not remain in the shield while it is being moved.

If an excavation is four (4) feet or deeper and the worksite soil and rock deposits are to be classified as something other than Type C, a competent person shall be placed in charge of the excavation as specified in this section. The competent person shall be knowledgeable in the requirements in this procedure, and they shall have authority to stop any excavation activities and order workers clear of unsafe locations. The competent person shall conduct inspections:

- Daily and before the start of each shift
- As dictated by the work being done at the excavation
- After every rainstorm
- For hazardous atmospheres
- For failure of protective systems
- Of water removal
- Of visual and manual soil analysis
- After other events that could increase hazards, such as snowstorm, windstorm, thaw, earthquake, dramatic change in weather, etc.
- When fissures, tension cracks, sloughing, undercutting, water seepage, bulging at the bottom, or other similar conditions occur.
- When there is a change in the size, location, or placement of the spoil pile.
- When there is any indication of change or movement in adjacent structures

Definitions

Cemented soil: A soil in which the particles are held together by a chemical agent, such as calcium carbonate, a hand-size sample of which cannot be crushed into powder or individual soil particles by finger pressure.

Cohesive soil: Clay (fine-grained soil), or soil with a high clay content, which has cohesive strength. Cohesive soil does not crumble, can be excavated with vertical side slopes, and is plastic when moist. Cohesive soil is hard to break up when dry and exhibits significant cohesion when submerged. Cohesive soils include silt, sandy clay, silty clay, clay, and organic clay.

Competent person: One who can identify existing or predictable hazards in the surroundings that are unsanitary, hazardous, or dangerous to employees. Also has authorization or authority by the nature of their position to take prompt corrective measures to eliminate them. The person shall be knowledgeable of the requirements in this procedure.

Dry soil: Soil that does not exhibit visible signs of moisture content.

Failure: The breakage, displacement, or permanent deformation of a structural member or connection so as to reduce its structural integrity and its supportive capabilities.

Fissured: A soil material that has a tendency to break along definite planes of fracture with little resistance, or a material that exhibits open cracks, such as tension cracks, in an exposed surface.

Granular soil: Gravel, sand, or silt (coarse-grained soil) with little or no clay content. Granular soil has no cohesive strength. Some moist granular soils exhibit apparent cohesion. Granular soil cannot be molded when moist and crumbles easily when dry.

Layered system: Two or more distinctly different soil or rock types arranged in layers. Micaceous seams or weakened planes in rock or shale are considered layered.

Moist soil: A condition in which soil looks and feels damp. Moist

cohesive soil can easily be shaped into a ball and rolled into small diameter threads before crumbling. Moist granular soil that contains some cohesive material will exhibit signs of cohesion between particles.

Plasticity: A property of a soil which allows the soil to be deformed or molded without cracking or appreciable volume change.

Protective system: A method of protecting employees from cave-ins from material that could fall or roll from an excavation face or into an excavation, or from the collapse of adjacent structures. Protective systems include support systems, sloping and benching systems, shield systems, and other systems that provide the necessary protection.

Ramp: An inclined walking or working surface that is used to gain access from one point to another and is constructed from earth or from structural materials such as steel or wood.

Registered professional engineer: A person who is registered as a professional engineer in the state where the work is being done. The registered professional engineer shall comply with the state department of licensing requirements.

Saturated soil: A soil in which the voids are filled with water. Saturation does not require flow. Saturation, or near saturation, is necessary for the proper use of instruments such as a pocket penetrometer or sheer vane.

Stable rock: A natural solid mineral material that can be excavated with vertical sides and will remain intact while exposed. Unstable rock is considered to be stable when the rock material on the side or sides of the excavation is secured against caving-in or movement by rock bolts or by another protective system that has been designed by a registered professional engineer.

Submerged soil: Soil that is under water or is free seeping.

Tabulated data: Tables and charts approved by a registered professional engineer and used to design and construct a protective system.

Type A soil: Cohesive soils with an unconfined compressive strength of

1.5-ton-per-square-foot (tsf) or greater. Examples of cohesive soils are clay, silty clay, sandy clay, clay loam, and in some cases, silty clay loam and sandy clay loam. Cemented soils such as caliche and hardpan are also considered Type A. No soil is Type A if:

- The soil is fissured; or
- The soil is subject to vibration from heavy traffic, pile driving, or similar effects; or
- The soil has been previously disturbed; or
- The soil is part of a sloped, layered system where the layers dip into the excavation on a slope of four (4) horizontal to one (1) vertical (4H/1V) or greater; or
- The material is subject to other factors that would require it to be classified as a less stable material.

Type B soil: Cohesive soil with an unconfined compressive strength greater than 0.5 tsf, but less than 1.5 tsf, or:

- Granular cohesionless soils, including angular gravel (similar to crushed rock), silt, silt loam, sandy loam, and in some cases, silty clay loam and sandy clay loam; or
- Previously disturbed soils, except those that would otherwise be classed as Type C soil; or
- Soil that meets the unconfined compressive strength or cementation requirements for Type A, but is fissured or subject to vibration: or
- Dry rock that is not stable; or
- Material that is part of a sloped, layered system where the layers dip into the excavation on a

slope less steep than four (4) horizontal to one (1) vertical (4H/1V), but only if the material would otherwise be classified as Type B.

Unconfined compressive strength: The load per unit area at which a soil will fail in compression. It can be determined by laboratory testing or estimated in the field using a pocket penetrometer, by thumb penetration tests, and other methods.

Wales: Horizontal members of a shoring system placed parallel to the excavation face whose sides bear against the vertical members of the shoring system or earth.

Wet soil: Soil that contains significantly more moisture than moist soil, but in such a range of values that cohesive material will slump or begin to flow when vibrated. Granular material that would exhibit cohesive properties when moist will lose those cohesive properties when wet.

General Requirements

Daily inspections of excavations, the adjacent areas, and protective systems shall be made by a competent person for evidence of a situation that could result in possible cave-ins, failure of protective systems, hazardous atmospheres, or other hazardous conditions.

An inspection shall be conducted by the competent person prior to the start of work and as needed throughout the shift. Inspections shall also be made after every rainstorm or other hazard-increasing occurrence. These inspections are only required when employee exposure can be reasonably anticipated.

Where the competent person finds evidence of a situation that could result in a possible cave-in, indications of failure of protective systems, hazardous atmospheres, or other hazardous conditions, exposed employees shall be removed from the hazardous area until the necessary precautions have been taken to ensure their safety.

Soil Classification

The competent person shall evaluate the worksite soil based on site and environmental conditions, and the structure and composition of the earth deposits. The classification of the deposits shall be based on the results of at least one visual and at least one manual analysis. The visual and manual analysis shall provide enough information to clearly identify the property of the soil and rock, and factors and conditions affecting the assigned classification.

Layered systems shall be classified by using the weakest layer. However, each layer may be classified individually where a more stable layer lies under a less stable layer.

Visual and Manual Tests

Visual analysis is conducted by the competent person to determine information about the excavation site using:

1. The soil adjacent to the excavation; and
2. The soil forming the sides of the open excavation; and
3. The soil taken from excavated material.

Manual tests of soil samples from the excavation shall be assessed to determine the properties of the soil at the worksite and how to best classify the soil using the following properties:

Plasticity: Mold a moist or wet sample of soil into a ball and attempt to roll it into threads as thin as 1/8-inch in diameter. Cohesive material can be successfully rolled into threads without crumbling. For example, if at least a two-inch length of 1/8-inch thread can be held on one end without tearing, the soil is cohesive.

Dry strength: If the soil is dry and crumbles on its own or with moderate pressure into individual

grains or fine powder, it is granular (any combination of gravel, sand, or silt). If the soil is dry and falls into clumps that break up into smaller clumps, but the smaller clumps can only be broken up with difficulty, it may be clay in any combination with gravel, sand, or silt. If the dry soil breaks into clumps that do not break up into smaller clumps and that can only be broken with difficulty, and if there is no visual indication the soil is fissured, the soil may be considered un-fissured.

Thumb penetration: The thumb penetration test can be used to estimate the unconfined compressive strength of cohesive soils. Type A soils with an unconfined compressive strength of 1.5 tsf or more can be readily indented by the thumb; however, they can be penetrated by the thumb only with very great effort.

Type C soils with an unconfined compressive strength of 0.5 tsf can be easily penetrated several inches by the thumb and can be molded by light finger pressure. This test should be conducted on an undisturbed soil sample, such as a large clump of spoil, as soon as practicable after excavation.

Other strength tests: Estimates of unconfined compressive strength of soils can also be obtained by using a pocket penetrometer or shear vane to determine the unconfined compression strength of soils.

Drying test: The drying test differentiates the material between cohesive material with fissures, un-fissured cohesive material, and granular material. The procedure for the drying test involves drying a sample of soil approximately one inch thick and six inches in diameter until it is thoroughly dry. If the sample develops cracks as it dries, the material will have significant fissures. Samples that dry without cracking are to be broken by hand. If considerable force is necessary to break a sample, the soil has significant cohesive material content. The soil can be classified as an un-fissured cohesive material and the unconfined compressive strength should be determined.

If a sample breaks easily by hand, it is either a fissured cohesive mate- rial or a granular material. To distinguish between the two, pulverize the dried clumps of the sample by hand or by stepping on them. If the clumps do not pulverize easily, the material is cohesive with fissures. If they pulverize easily into very small fragments, the material is granular.

Protective Systems

Each employee in an excavation shall be protected from cave-ins by a protective system designed as specified in this procedure. A protective system is not required when the excavation consists entirely of stable rock or when the excavation is less than four (4) feet deep, and a competent person makes the assessment that there is no indication of a potential cave-in.

If a registered professional engineer is used to design a protective system, at least one copy of the engineer's report including the tabulated data and identification of the registered professional engineer shall be maintained at the jobsite during construction and use of the protective system.

Materials and equipment used for protective systems shall be free from damage or defects that might impair their proper function.

Sloping and benching: If the competent person determines sloping and benching is a viable option, they must first classify the soil, then refer to Table C-2 below for the maximum allowable slope of the excavation. Table C-1 is for excavations less than 20 feet deep and based on soil type and the angle to the horizontal. For excavations deeper than 20 feet, a registered professional engineer must design the sloping and benching system.

Table C-2. Maximum Allowable Slope of the Excavation

Soil Type	Height/Depth Ratio	Slope Angle
Type A	¾:1 or ½:1 Temp.[1]	53° or 63°
Type B	1:1	45°
Type C	1–1/2:1	34°

1. "Temporary" means that the excavation will be open no longer than 24 hours.
2. A ratio of ¾:1 would equal 53°. A ratio of ½:1 would equal 63°.

EXAMPLE: A 10-foot-deep excavation in Type B soil would have to be sloped to a 45-degree angle or sloped 10 feet back in both directions. Total distance across a 10-foot-deep excavation would be 20 feet, plus the width of the bottom of the excavation itself. In Type C soil, the excavation would be sloped at a 34-degree angle, or 15 feet back in both directions for at least 30 feet across, plus the width of the bottom of the excavation itself.

Shoring: Shoring is used when the location or depth of the cut makes sloping and benching to the maximum allowable slope impractical. There are two basic types of shoring: timber and aluminum hydraulic. Hydraulic shoring provides a critical safety advantage over timber shoring because workers do not have to enter the excavation to install it. All shoring shall be installed from the top down and removed from the bottom up. Hydraulic shoring shall be checked at least once per shift for leaking hoses and/or cylinders, broken connections, cracked nipples, bent bases, and any other damaged or defective parts.

When aluminum shoring is used, Table C-3, C-4, or C-5, shall be used to design and implement an aluminum shoring system.

Table C-3. Aluminum Hydraulic Shoring • Vertical Shores

Type A Soil

Depth of Trench (feet)	Hydraulic Cylinders				
	Maximum Horizontal Spacing (feet)	Maximum Vertical Spacing (feet)	Width of Trench (feet)		
			Up to 8	Over 8, up to 12	Over 12, up to 15
Over 4, up to 10	8	4	2-inch Diameter	2-inch Diameter	3-inch Diameter
Over 10, up to 15	8				
Over 15, up to 20	7				
Over 20	Must be designed by a professional engineer				

Table C-4. Aluminum Hydraulic Shoring • Vertical Shores

Type B Soil

Depth of Trench (feet)	Hydraulic Cylinders				
	Maximum Horizontal Spacing (feet)	Maximum Vertical Spacing (feet)	Width of Trench (feet)		
			Up to 8	Over 8, up to 12	Over 12, up to 15
Over 4, up to 10	8	4	2-inch Diameter	2-inch Diameter	3-inch Diameter
Over 10, up to 15	6.5				
Over 15, up to 20	5.5				
Over 20	Must be designed by a professional engineer				

Table C-5. Aluminum Hydraulic Shoring • Waler System

Type B Soil

Depth of Trench (feet)	Wales		Hydraulic Cylinders						Timber Uprights		
	Vertical Spacing (feet)	Section Modules (In^2)	Width of Trench (feet)						Max. Horiz. Spacing (on center)		
			Up to 8		Over 8, up to 12		Over 12, up to 15		Solid Sheet	2 feet	3 feet
			Horiz. Spacing	Cylinder Diameter	Horiz. Spacing	Cylinder Diameter	Horiz. Spacing	Cylinder Diameter			
Over 4, up to 10	4	3.5	8.0	2 in.	8.0	3 in.	8.0	3 in.	—	—	3 x 12
		7.0	9.0	2 in.	9.0	3 in.	9.0	3 in.			
		14.0	12.0	3 in.	12.00	3 in.	12.0	3 in.			
Over 10, up to 15	4	3.5	6.0	2 in.	6.0	3 in.	6.0	3 in.	—	3 x 12	—
		7.0	8.0	3 in.	8.0	3 in.	8.0	3 in.			
		14.0	10.0	3 in.	10.0	3 in.	10.0	3 in.			
Over 15, up to 20	4	3.5	5.5	2 in.	5.5	3 in.	5.5	3 in.	3 x 12	—	—
		7.0	6.0	3 in.	6.0	3 in.	6.0	3 in.			
		14.0	9.0	3 in.	9.0	3 in.	9.0	3 in.			
Over 20	Must be designed by a professional engineer										

Appendix D: Respiratory Protection Program

Purpose

This Respiratory Protection Program establishes the authority, responsibility, and procedures required to develop and maintain an effective respiratory protection program. This Program applies to all Heber Light & Power employees who are required to wear respirators during normal operations.

This Program identifies where respiratory protection is required, selection of proper respirators, required medical evaluations, fit testing, and the use, maintenance, and care of respirators.

Requiring the use of a respirator for Heber Light & Power employees should be the last resort. Engineering controls such as proper ventilation, use of administrative controls limiting the duration of exposure, eliminating the airborne substances, or substitution with a less harmful substance should always be considered before requiring the use of a respirator. Respirators are provided by Heber Light & Power to ensure employees breathe safely in identified potentially hazardous work environments.

Reference: 29 CFR ~~OSHA~~UOSH 1910.134, "Respirators."

Policy

No Heber Light & Power employee shall be allowed or required to perform duties and/or enter areas where the atmosphere is, or potentially could be, hazardous or immediately cause danger to life or health.

If there is reason to believe a condition may exist where there is a potential hazard impairing the ability to breathe safely while carrying out assigned duties, the employee shall immediately evacuate to a safe area and contact the system operator.

Definitions

Air-purifying respirator: A respirator with an air-purifying filter, cartridge, or canister that removes specific air contaminants by passing ambient air through the air-purifying element.

Assigned protection factor (APF): The workplace level of respiratory protection that a respirator or class of respirators is expected to provide to employees when the employer implements a continuing, effective respiratory protection program as specified by this section.

Atmosphere-supplying respirator: A respirator that supplies the respirator user with breathing air from a source independent of the ambient atmosphere and includes Supplied-Air Respirators (SARs) and Self- contained Breathing Apparatus (SCBA) units.

Canister or cartridge: A container with a filter, sorbent, or catalyst, or combination of these items that remove specific contaminants from the air passed through the container.

Demand respirator: An atmosphere-supplying respirator that admits breathing air to the face-piece only when a negative pressure is created inside the face-piece by inhalation.

Emergency situation: Any occurrence such as, but not limited to, equipment failure, rupture of containers, or failure of control equipment that may or does result in an uncontrolled significant release of an airborne contaminant.

Employee exposure: Exposure to a concentration of an airborne contaminant that would occur if the employee were not using respiratory protection.

End-of-service-life indicator (ESLI): A system that warns the respirator user of the approach of the end of adequate respiratory protection—for example, that the sorbent is approaching saturation

or is no longer effective.

Escape-only respirator: A respirator intended to be used only for emergency exit.

Filter or air-purifying element: A component used in respirators to remove solid or liquid aerosols from the inspired air.

Filtering face-piece (dust mask): A negative-pressure particulate respirator with a filter as an integral part of the face-piece or with the entire face-piece composed of the filtering medium.

Fit factor: A quantitative estimate of the fit of a particular respirator to a specific individual, which typically estimates the ratio of the con- centration of a substance in ambient air to its concentration inside the respirator when worn.

Fit test: The use of a protocol to evaluate qualitatively or quantitatively the fit of a respirator on an individual. (See also Qualitative fit test [QLFT] and Quantitative fit test [QNFT].)

Helmet: A rigid respiratory inlet covering that also provides head protection against impact and penetration.

Health care professional: An individual designated by Heber Light & Power whose legally permitted scope or practice (i.e., license, registration, or certification) allows him or her to independently provide, or be dele- gated the responsibility to provide, some or all of the health care services required by the Program.

High-efficiency particulate air (HEPA) filter: A filter that is at least 99.97% efficient in removing monodisperse particles of 0.3 micrometers in diameter. The equivalent NIOSH 42 CFR 84 particulate filters are the N100, R100, and P100 filters.

Hood: A respiratory inlet covering that completely covers the head and neck and may also cover portions of the shoulders and torso.

Immediately dangerous to life or health (IDLH): An atmosphere that poses an immediate threat to life, would cause irreversible adverse health effects, or would impair an individual's ability to escape from a dangerous atmosphere.

Interior structural firefighting: The physical activity of fire suppression, rescue, or both, inside of buildings or enclosed structures that are involved in a fire situation beyond the incipient stage.

Loose-fitting face-piece: A respiratory inlet covering that is designed to form a partial seal with the face.

Maximum use concentration (MUC): The maximum atmospheric concentration of a hazardous substance from which an employee can be expected to be protected when wearing a respirator, as determined by the assigned protection factor of the respirator or class of respirators and the exposure limit of the hazardous substance. The MUC can be determined mathematically by multiplying the assigned protection factor specified for a respirator by the required ~~OSHA~~UOSH- permissible expo- sure limit, short-term exposure limit, or ceiling limit. When no ~~OSHA~~UOSH exposure limit is available for a hazardous substance, an employer must determine an MUC on the basis of relevant available information and informed professional judgment.

Negative-pressure respirator (tight fitting): A respirator in which the air pressure inside the face-piece is negative during inhalation with respect to the ambient air pressure outside the respirator.

Oxygen-deficient atmosphere: An atmosphere with an oxygen content below 19.5% by volume.

Positive-pressure respirator: A respirator in which the pressure inside the respiratory inlet

covering exceeds the ambient air pressure outside the respirator.

Powered air-purifying respirator (PAPR): An air-purifying respirator that uses a blower to force the ambient air through air-purifying elements to the inlet covering.

Pressure-demand respirator: A positive-pressure, atmosphere- supplying respirator that admits breathing air to the face-piece when the positive pressure is reduced inside the face-piece by inhalation.

Program (the Program): Heber Light & Power's Respiratory Program as reflected by this document.

Qualitative fit test (QLFT): A pass/fail fit test to assess the adequacy of respirator fit that relies on the individual's response to the test agent.

Quantitative fit test (QNFT): An assessment of the adequacy of respirator fit by numerically measuring the amount of leakage into the respirator.

Respiratory inlet covering: That portion of a respirator that forms the protective barrier between the user's respiratory tract and an air- purifying device or breathing air source, or both. It may be a face-piece, helmet, hood, suit, or a mouthpiece respirator with nose clamp.

Self-contained breathing apparatus (SCBA): An atmosphere- supplying respirator for which the breathing air source is designed to be carried by the user.

Service life: The period that a respirator, filter or sorbent, or other respiratory equipment provides adequate protection to the wearer.

Supplied-air respirator (SAR) or airline respirator: An atmosphere-supplying respirator for which the source of breathing air is not designed to be carried by the user.

Tight-fitting face-piece: A respiratory inlet covering that forms a complete seal with the face.

User seal check: An action conducted by the respirator user to deter- mine if the respirator is properly seated to the face.

Responsibilities

Program Administrator Duties

Heber Light & Power has designated the Human Resources Department as the Program Administrator to oversee Heber Light & Power's respiratory protection program. Duties of the Program Administrator include:

- Identifying work areas, processes, or tasks that require Heber Light & Power workers to wear respirators, and evaluating hazards.
- Selection of respiratory protection options
- Monitoring respirators use to ensure that respirators are used in accordance with their certifications.
- Arranging for or conducting training
- Ensuring proper storage and maintenance of respiratory protection equipment
- Conducting or arranging for fit testing, ensuring the fit-testing protocol is acceptable.
- Administering the medical surveillance program
- Maintaining records required by the program.
- Evaluating the Program
- Updating written Program as needed

Supervisor Duties

Heber Light & Power supervisors are responsible for ensuring the respiratory protection program is implemented in their areas of responsibility. In addition to being knowledgeable about the Program requirements for their own protection, supervisors must also ensure that the Program is understood and followed by the employees under their charge. Duties of the supervisor include:

- Ensuring that employees under their supervision (including new hires) have received appropriate training, fit testing, and medical evaluation.
- Ensuring the availability of appropriate respirators and accessories
- Being aware of tasks requiring the use of respiratory protection
- Enforcing the proper use of respiratory protection when necessary
- Ensuring that respirators are properly cleaned, maintained, and stored according to the respiratory protection plan.
- Ensuring that respirators fit well and do not cause discomfort.
- Continually monitoring work areas and operations to identify respiratory hazards.
- Coordinating with the Program Administrator on how to address respiratory hazards or other concerns regarding the Program.

Employee Duties

Each Heber Light & Power employee has the responsibility to wear their assigned respirator when and where required and in the way they were trained. Employees must also:

- Care for and maintain their respirators as instructed and store them in a clean, sanitary location.
- Inform their supervisor if the respirator no longer fits well and request a new one that fits properly.
- Inform their supervisor or the Program Administrator of any respiratory hazards that they feel may not be adequately addressed in the workplace and of any other concerns that they have regarding the Program.

Program Elements

Respirator Selection

Respirators are selected depending on the identified hazards employees will or may be exposed to while entering or working in a designated area. Only NIOSH-certified respirators, provided by Heber Light & Power, shall be used.

The Program Administrator will ensure that a hazard evaluation is conducted for each designated area, operation process, or work area where airborne contaminants may be present in routine operations or during an emergency. The hazard evaluation will include:

- Identification of the hazardous substances used in the workplace, department, or work process; and
- Review of work processes and work locations to determine where potential exposures to these hazardous substances may occur; and
- Exposure monitoring to quantify potential hazardous exposures.

NOTE: Before any employee enters a work location where there is potential exposure for which no evaluation has been performed, con- tact the supervisor or Program Administrator.

The results of the hazard evaluation shall be located so that it is available for employee review.

The Program Administrator will revise and update the hazard assessment as needed (i.e., any time a designated area or work process changes, potentially affecting exposures).

General Requirements

Heber Light & Power shall select and provide specific respirators based on the Program Administrator's assessments of the hazardous substances within the workplace or work process and factors that affect respirator performance and reliability.

All Heber Light & Power respirators shall be used in full compliance with the manufacturer's instructions, including any limitations on use, and in accordance with the conditions, the respirator has been certificated to provide protection.

Heber Light & Power shall identify and evaluate the respiratory hazards in the workplace. The evaluation shall include a reasonable estimate of employee exposures to respiratory hazards and an identification of the contaminant's chemical state and physical form. Where the Program Administrator cannot identify or reasonably estimate Heber Light & Power employee exposure levels, the exposure levels shall be considered IDLH. Heber Light & Power provides adequate numbers of respirators, and different models and sizes, enabling each employee to use an acceptable

respirator.

Respirators for Atmospheres Immediately Dangerous to Life and Health (IDLH)

Heber Light & Power shall provide the following respirators for Heber Light & Power employees use in IDLH atmospheres:

- A full face-piece pressure-demand SCBA certified by the National Institute for Occupational Safety and Health (NIOSH) for a minimum service life of 30 minutes, or a combination full face-piece pressure-demand supplied-air respirator (SAR) with auxiliary self-contained air supply.
- Respirators provided only for escape from IDLH atmospheres shall be NIOSH-certified for escape from the atmosphere in which they will be used.
- All oxygen-deficient atmospheres shall be considered IDLH.

NOTE: An oxygen-deficient atmosphere is an atmosphere with an oxygen content less than 19.5% by volume.

Respirators for Atmospheres That Are Not IDLH

Heber Light & Power shall provide a respirator that is adequate to protect the health of Heber Light & Power employees and ensure compliance with all other ~~OSHA~~UOSH statutory and regulatory requirements under routine and reasonably foreseeable emergency situations.

NIOSH Certification

All Heber Light & Power-provided respirators shall be certified by NIOSH and shall be used in accordance with the terms of that certification. Also, all filters, cartridges, and canisters shall be labeled with the appropriate NIOSH approval label. The label shall not be removed or defaced while it is in use.

Voluntary Respirator Usage

Reference: 1910.134(c)(2).

If Heber Light & Power employees wish to wear Heber Light & Power-provided respirators, or personally owned respirators, in areas below the airborne limits of 29 CFR ~~OSHA~~UOSH 1910.134, they shall be provided with the information contained in 29 CFR ~~OSHA~~UOSH 1910.134, Appendix D, "Information for Employees Using Respirators When Not Required Under the Standard."

In addition, Heber Light & Power shall establish and implement the requirements of this program ensuring that the employee using a respirator voluntarily is medically able to use that respirator, and that the respirator is cleaned, stored, and maintained so that its use does not present a health hazard to the user. Heber Light & Power is not required to include employees who use filtering facepieces (dust masks).

Respirator Filter and Canister Replacement/Change Schedule

An important part of the respiratory protection program includes identifying the useful life of canisters and filters used on air-purifying respirators. Each filter and canister shall be equipped with an ESLI certified by NIOSH for the contaminant; or, if there is no ESLI appropriate for conditions, a change schedule shall be established for canisters and cartridges. The schedule shall be based on objective information or data that will ensure that canisters and cartridges are changed before the end of their service life.

Cartridges/filters shall be changed based on the most limiting factor below:

- Before the expiration date
- Manufacturer's recommendations for use and environment
- After each use
- When requested by employee.
- When restriction to air flow has occurred as evidenced by increased effort by user to breathe normally

Medical Evaluation

Heber Light & Power employees required to wear respirators shall be medically evaluated before wearing a respirator on the job. Heber Light & Power employees shall not wear respirators until a physician has determined that they are medically able to do so.

A licensed health care professional will provide the medical evaluation for all Heber Light & Power employees. Medical evaluation procedures are as follows:

The medical evaluation will be conducted using the medical questionnaire provided in Attachment 1 of this Appendix.

The Human Resources Department will provide a copy of this questionnaire to all employees requiring medical evaluation.

To the extent feasible, Heber Light & Power will assist employees who are unable to read the questionnaire. If this is not possible, the employee will be sent directly to a healthcare professional for assistance and medical evaluation.

All affected employees will be given a copy of the medical questionnaire to fill out, along with a stamped and addressed envelope for mailing the questionnaire to the health care professional. Employees will be permitted to fill out the questionnaire on Heber Light & Power time.

Follow-up medical examinations will be provided to Heber Light & Power employees as required by the ~~OSHA~~UOSH standard, or as deemed necessary by the health care professional.

All Heber Light & Power employees will be allowed the opportunity to speak with the health care professional about their medical evaluation if they request.

Heber Light & Power Program Administrator will provide the health care professional with a copy of Heber Light & Power's Program and a copy of ~~OSHA~~UOSH's respiratory protection standard. For each Heber Light & Power employee requiring evaluation, the health care

professional will be provided with information regarding the employee's work area or job title, proposed respirator type and weight, length of time required to wear the respirator, expected physical workload (light, moderate, or heavy), potential temperature and humidity extremes, and any additional protective clothing required.

After each Heber Light & Power employee has received clearance to wear a respirator, additional medical evaluations will be provided under any of the following circumstances:

- The employee reports signs or symptoms related to their ability to use a respirator, such as shortness of breath, dizziness, chest pains, or wheezing.
- The health care professional or supervisor informs the Program Administrator that the employee needs to be reevaluated.
- Information from this Program, including observations made during fit testing and program evaluation, indicates a need for reevaluation.
- A change occurs in workplace conditions that may result in an increased physiological burden on the employee.

NOTE: All examinations and questionnaires are to remain confidential between the employee and the physician.

Fit-Testing Procedures

Heber Light & Power Program Administrator will ensure that fit tests will be administered using 29 CFR ~~OSHA~~UOSH 1910.134, "Respirators."

All Heber Light & Power employees shall be fit tested with the same make, model, style, and size of respirator that they will be using, and:

- Before wearing any respirator with a tight-fitting face-piece and at least annually thereafter
- Whenever a different respirator face-piece (size, style, model, or make) is used.
- Whenever visual observations indicate changes in the employee's physical condition that could affect respirator fit. Such conditions include, but are not limited to, facial scarring, dental changes, cosmetic surgery, or an obvious change in body weight.
- Upon employee notification that the fit of the respirator is unacceptable

Heber Light & Power shall establish a record of the fit tests administered to Heber Light & Power employees including:

- The name or identification of the employee tested.
- Type of fit test performed.
- Specific make, model, style, and size of respirator tested.
- Date of test; and
- The pass/fail results. Use of Respirators

General Use Procedures

Heber Light & Power employees shall use their assigned respirators under conditions specified by this Program and in accordance with the training they receive on the use of each model. In addition, the respirator shall not be used in a manner for which it is not certified by NIOSH or its manufacturer.

All Heber Light & Power employees shall conduct user seal checks before wearing their respirators. Heber Light & Power employees shall use either the positive or negative pressure check (depending on which test works best for them).

All Heber Light & Power employees must leave the respirator-use area to maintain their

respirator for the following reasons:

- to clean their respirator if the respirator is impeding their ability to work,
- to change filters or cartridges,
- to replace parts, or
- to inspect the respirator if it stops functioning as intended.

Heber Light & Power employees should notify their supervisor before leaving the respirator-use area.

Heber Light & Power employees shall not wear a tight-fitting respirator if they have facial hair, facial scars, or missing dentures that prevent them from achieving a good seal. Heber Light & Power employees shall not wear headphones, jewelry, or other articles that may interfere with the seal between the face-piece and the face.

Respirator Malfunction

For any malfunction of a respirator (such as a breakthrough, face- piece leakage, or improperly working valve), the respirator wearer shall inform his or her supervisor that the respirator no longer functions as intended and go to a safe area to maintain the respirator. The supervisor must ensure that the employee receives the needed parts to repair the respirator or is provided with a new respirator.

Maintenance and Care Procedures

To ensure continuing protection from the respirators being used, it is necessary to establish and implement proper maintenance and care procedures and schedules. A lax attitude toward maintenance and care will negate successful selection and fit because the devices will not deliver the assumed protection unless they are kept in good working order.

Cleaning and Disinfecting

Heber Light & Power provides each respirator user with a respirator that is clean, sanitary, and in good working order. We ensure that respirators are cleaned and disinfected as often as necessary to be maintained in a sanitary condition. Respirators are cleaned and disinfected using the procedures specified in the following procedure:

1. Disassemble respirator, removing any filters, canisters, or cartridges.
2. Wash the face-piece and associated parts in a mild detergent with warm water. Do not use organic solvents.
3. Rinse completely in clean warm water.
4. Wipe the respirator with disinfectant wipes (70% Isopropyl Alcohol) to kill germs.
5. Air dry in a clean area.
6. Reassemble the respirator and replace any defective parts.
7. Place in a clean, dry plastic bag or other airtight container.

NOTE: The Program Administrator will ensure an adequate supply of appropriate cleaning and disinfection material at the cleaning station. If supplies are low, employees should contact their supervisor, who will inform the Program Administrator.

In addition to regularly scheduled maintenance, respirators shall be cleaned and disinfected:

- Before being worn by different individuals.
- After each use for emergency use respirators; and

- After each use for respirators used for fit testing and training.

Storage

Storage of respirators must be done properly to ensure that the equipment is protected and not subject to environmental conditions that may cause deterioration. Heber Light & Power stores respirators to protect them from damage, contamination, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals. They are packed and stored in accordance with any applicable manufacturer's instructions.

Emergency respirators are stored:

- To be accessible to the work area.
- In compartments marked as such; and
- In accordance with manufacturer's recommendations.

Respirator Inspection

All respirators shall be inspected after each use and at least monthly. Should any defects be noted, the respirators will be taken to the Program Administrator or supervisor. Damaged respirators will be either repaired or replaced.

Respirators shall be inspected as follows:

- All respirators used in routine situations shall be inspected before each use and during cleaning.
- All respirators maintained for use in emergency situations shall be inspected at least monthly and in accordance with manufacturer's recommendations, and shall be checked for proper function before and after each use; and
- Emergency escape-only respirators shall be inspected before being carried into the workplace for use.

Respirator inspections shall include the following:

- A check of respirator function, tightness of connections, and the condition of the various parts including, but not limited to, the face-piece, head straps, valves, connecting tube, and cartridges, canisters, or filters; and
- Check elastomeric parts for pliability and signs of deterioration.

The following checklist will be used when inspecting respirators:

- Face-piece:
  - cracks, tears, or holes
  - facemask distortion
  - cracked or loose lenses/face-shield
- Head straps:
  - breaks or tears.
  - broken buckles
- Valves:
  - residue or dirt
  - cracks or tears in valve material
- Filters/cartridges:
  - approval designation
  - gaskets
  - cracks or dents in housing
  - proper cartridge for hazard
- Air supply systems:

- breathing air quality/grade
- condition of supply hoses
- hose connections
- settings on regulators and valves

Defective Respirators

Respirators that are defective or have defective parts shall be taken out of service immediately.

If, during an inspection, an employee discovers a defect in a respirator, he or she shall bring the defect to the attention of his or her supervisor.

Supervisors shall give all defective respirators to the Program Administrator. The Program Administrator will decide whether to:

- Temporarily take the respirator out of service until it can be repaired.
- Perform a simple fix on the spot such as replacing a head strap.
- Dispose of the respirator due to an irreparable problem or defect.

When a respirator is taken out of service, the respirator shall be tagged out of service, and the employee will be given a replacement of the same make, model, and size. If the employee is not given a replacement of the same make, model, and size, then the employee must be fit-tested.

Training

Heber Light & Power's Human Resources Department is responsible for pro- viding respirator training to respirator users or their supervisors on the contents of Heber Light & Power's respiratory protection program and their responsibilities under it, and on the ~~OSHA~~UOSH Respiratory Protection Standard. Workers shall be trained before using a respirator. Supervisors shall be trained before using a respirator in the workplace and before supervising employees who must wear respirators.

The training will cover the following topics:

- The Program
- The ~~OSHA~~UOSH Respiratory Protection Standard
- Respiratory hazards encountered and their health effects.
- Proper selection and use of respirators
- Limitations of respirators
- Respirator donning and user seal (fit) checks.
- Fit testing
- Emergency use procedures
- Maintenance and storage
- Medical signs and symptoms limiting the effective use of respirators.

Employees shall be retrained annually and as needed (i.e., if they need to use a different respirator). Employees must demonstrate their understanding of the topics covered in the training utilizing a hands-on exercise and a written test. Respirator training shall be documented by the Program Administrator, and the documentation will include the type, model, and size of respirator for which each employee has been trained and fit-tested.

Program Evaluation

The Program Administrator will conduct periodic evaluations of the workplace to ensure that the provisions of this Program are being implemented. The evaluation will include regular consultations with employees who use respirators and their supervisors, site inspections, air

monitoring, and review of records.

Identified problems will be noted and addressed by the Program Administrator. These findings will be reported to Heber Light & Power management, and the report will list plans to correct deficiencies in the respirator program and target dates for the implementation of those corrections.

Documentation and Record Keeping

A written copy of this Program and the ~~OSHA~~UOSH standard is kept in the Program Administrator's office and is available to all employees who wish to review it.

Also maintained in the Program Administrator's office are copies of training and fit-test records. These records will be updated as new employees are trained, as existing employees receive refresher training, and as new fit tests are conducted.

The Program Administrator will also maintain copies of the other associated records for all employees covered under the Program. The completed medical questionnaire and the physician's documented findings are confidential and will remain at Human Resources.

Heber Light & Power will only retain the physician's written recommendation regarding each employee's ability to wear a respirator.

Table D-1. Heber Light & Power Hazard Assessment

Department	Contaminants	Exposure Level (8 hrs. TWA)	PEL	Controls
Example: Prep. sanding	wood dust	2.5–7.0 mg/m^3	5 mg/m^3 (TLV = 1 mg/m^3)	Local exhaust ventilation for sanders, half-face- piece APR with P100 filter.
Example: Prep. cleaning	methylene chloride methanol acetone	70 ppm 150 ppm 400 ppm	25 ppm 125 ppm (STEL) 200 ppm 1,000 ppm	Local exhaust ventilation (LEV) to be installed for cleaning stations. Continuous flow SAR hood until then needed for respiratory protection. Will reevaluate after LEV installation.

Attachment D-1:

Respirator Medical Evaluation Questionnaire

To the employer:

Answers to questions in Section 1, and to question 9 in Section 2 of Part A, do not require a medical examination.

To affected Heber Light & Power employees:

You are allowed to answer this questionnaire during normal working hours or at a time and place that is convenient to you. To maintain your confidentiality, Heber Light & Power will not look at or review your answers, and you will be proved with a method of delivering or sending this questionnaire to the health care professional who will review it.

Appendix D: Respiratory Protection

Part A. Section 1. The following information must be provided by every employee who has been selected to use any type of respirator (please print).

1. Today's Date _____
2. Your Name _____
3. Your Age (to nearest year) _____
4. Sex (circle one): Male / Female
5. Your Height _____ ft. _____ in.
6. Your Weight _____ lbs.
7. Your Job Title _____
8. A phone number where you can be reached by the health care professional who reviews this questionnaire (include the area code) _____
9. The best time to phone you at this number. _____
10. Has your employer told you how to contact the health care professional who will review this questionnaire (circle one) ..... Yes / No
11. Check the type of respirator you will use (you can check more than one category):
    a. _____ N, R, or P disposable respirator (filter-mask, non-cartridge type only)
    b. _____ Other type (for example, half- or full-face-piece type, powered-air purifying, supplied-air, self-contained breathing apparatus)
12. Have you worn a respirator (circle one)..... Yes / No

If "yes," what type(s): _____

Part A. Section 2. (Mandatory) Questions 1 through 9 below must be answered by every employee who has been selected to use any type of respirator (please circle "Yes" or "No").

1. Do you currently smoke tobacco or vape, or have you smoked tobacco or vaped in the last month Yes / No
2. Have you ever had any of the following conditions?
    a. Seizures ..... Yes / No
    b. Diabetes (sugar disease)..... Yes / No
    c. Allergic reactions that interfere with your breathing..... Yes / No
    d. Claustrophobia (fear of closed-in places)..... Yes / No
    e. Trouble smelling odors ..... Yes / No
3. Have you ever had any of the following pulmonary or lung problems?
    a. Asbestosis..... Yes / No
    b. Asthma ..... Yes / No
    c. Chronic bronchitis ..... Yes / No
    d. Emphysema..... Yes / No

e. Pneumonia ..... Yes / No
f. Tuberculosis ..... Yes / No
g. Silicosis ..... Yes / No
h. Pneumothorax (collapsed lung)..... Yes / No
i. Lung cancer ..... Yes / No
j. Broken ribs ..... Yes / No
k. Any chest injuries or surgeries ..... Yes / No
l. Any other lung problem that you've been told about..... Yes / No

4. Do you currently have any of the following symptoms of pulmonary or lung illness?
   a. Shortness of breath ..... Yes / No
   b. Shortness of breath when walking fast on level ground or walking up a slight hill or incline ..... Yes / No
   c. Shortness of breath when walking with other people at an ordinary pace on level ground..... Yes / No
   d. Have to stop for breath when walking at your own pace on level ground ..... Yes / No
   e. Shortness of breath when washing or dressing yourself..... Yes / No
   f. Shortness of breath that interferes with your job ..... Yes / No
   g. Coughing that produces phlegm (thick sputum) ..... Yes / No
   h. Coughing that wakes you early in the morning..... Yes / No
   i. Coughing that occurs mostly when you are lying down..... Yes / No
   j. Coughing up blood in the last month ..... Yes / No
   k. Wheezing..... Yes / No
   l. Wheezing that interferes with your job ..... Yes / No
   m. Chest pain when you breathe deeply ..... Yes / No
   n. Any other symptoms that you think may be related to lung problems..... Yes / No
5. Have you ever had any of the following cardiovascular or heart problems?
   a. Heart attack ..... Yes / No
   b. Stroke ..... Yes / No
   c. Angina ..... Yes / No
   d. Heart failure ..... Yes / No
   e. Swelling in your legs or feet (not caused by walking)..... Yes / No
   f. Heart arrhythmia (heart beating irregularly) ..... Yes / No

g. High blood pressure ..... Yes / No

h. Any other heart problem that you've been told about..... Yes / No

6. Have you ever had any of the following cardiovascular or heart symptoms?

a. Frequent pain or tightness in your chest..... Yes / No

b. Pain or tightness in your chest during physical activity..... Yes / No

c. Pain or tightness in your chest that interferes with your job..... Yes / No

d. In the past two years, have you noticed your heart skipping or missing a beat..... Yes / No

e. Heartburn or indigestion that is not related to eating ..... Yes / No

f. Any other symptoms that you think may be related to heart or circulation problems..... Yes / No

7. Do you currently take medication for any of the following problems?

a. Breathing or lung problems ..... Yes / No

b. Heart trouble ..... Yes / No

c. Blood pressure..... Yes / No

d. Seizures ..... Yes / No

8. If you've used a respirator, have you ever had any of the following problems? (If you've never used a respirator, circle "No" and go to question 9)..... Yes / No

a. Eye irritation ..... Yes / No

b. Skin allergies or rashes ..... Yes / No

c. Anxiety ..... Yes / No

d. General weakness or fatigue..... Yes / No

e. Any other problem that interferes with your use of a respirator Yes / No

9. Would you like to talk to the health care professional who will review this questionnaire about your answers to this questionnaire? ..... Yes / No

Questions 10 to 15 must be answered by every employee who has been selected to use either a full-face-piece respirator or a self-contained breathing apparatus (SCBA). For employees who have been selected to use other types of respirators, answering these questions is voluntary.

10. Have you ever lost vision in either eye (temporarily or permanently)? ..... Yes / No

11. Do you currently have any of the following vision problems?

a. Wear contact lenses ..... Yes / No

b. Wear glasses..... Yes / No

c. Color blind..... Yes / No

d. Any other eye or vision problem..... Yes / No

12. Have you ever had an injury to your ears, including a broken ear drum? ..... Yes / No
13. Do you currently have any of the following hearing problems?
    a. Difficulty hearing ..... Yes / No
    b. Wear a hearing aid ..... Yes / No
    c. Any other hearing or ear problem ..... Yes / No
14. Have you ever had a back injury? ..... Yes / No
15. Do you currently have any of the following musculoskeletal problems?
    a. Weakness in any of your arms, hands, legs, or feet ..... Yes / No
    b. Back pain ..... Yes / No
    c. Difficulty fully moving your arms and legs ..... Yes / No
    d. Pain or stiffness when you lean forward or backward at the waist ..... Yes / No
    e. Difficulty fully moving your head up or down ..... Yes / No
    f. Difficulty fully moving your head side to side ..... Yes / No
    g. Difficulty bending at your knees ..... Yes / No
    h. Difficulty squatting to the ground ..... Yes / No
    i. Climbing a flight of stairs or a ladder carrying more than 25 lbs. ..... Yes / No
    j. Any other muscle or skeletal problem that interferes with using a respirator? ..... Yes / No

Part B. Any of the following questions, and other questions not listed, may be added to the questionnaire at the discretion of the health care professional who will review the questionnaire.

1. In your present job, are you working at high altitudes (over 5,000 feet) or in a place that has lower than normal amounts of oxygen? ..... Yes / No

   If "yes," do you have feelings of dizziness, shortness of breath, pounding in your chest, or other symptoms when you're working under these conditions? Yes / No

2. At work or at home, have you ever been exposed to hazardous solvents, hazardous airborne chemicals (e.g., gases, fumes, or dust), or have you come into skin contact with hazardous chemicals? Yes / No

If "yes," name the chemicals if you know them:

_____

_____

3. Have you ever worked with any of the materials or under any of the conditions listed below?

Appendix D: Respiratory Protection

a. Asbestos..... Yes / No
b. Silica (i.e., in sandblasting)..... Yes / No
c. Tungsten/cobalt (i.e., grinding or welding this material)..... Yes / No
d. Beryllium..... Yes / No
e. Aluminum..... Yes / No
f. Coal (for example, mining)..... Yes / No
g. Iron..... Yes / No
h. Tin..... Yes / No
i. Dusty environments..... Yes / No
j. Any other hazardous exposures..... Yes / No

If "yes," describe these exposures:

_____

_____

_____

_____

4. List any second jobs or side businesses you have:

_____

_____

5. List your previous occupations:

_____

_____

6. List your current and previous hobbies:

_____

7. Have you been in the military service? ..... Yes / No

   If "yes," were you exposed to biological or chemical agents

   (either in training or combat)? ..... Yes / No

8. Have you ever worked on a HAZMAT team? ..... Yes / No

9. Other than medications for breathing and lung problems, heart trouble, blood pressure, and seizures mentioned earlier in this questionnaire, are you taking any other medications for any reason (including over-the-counter medications)? ..... Yes / No

If "yes," name the medications if you know them:

_____

_____

_____

10. Will you be using any of the following items with your respirator(s)?

    a. HEPA filters ..... Yes / No

    b. Canisters (for example, gas masks) ..... Yes / No

    c. Cartridges ..... Yes / No

11. How often are you expected to use the respirator(s)? (Circle "yes" or "no" for all answers that apply to you.)

    a. Escape only (no rescue) ..... Yes / No

    b. Emergency rescue only ..... Yes / No

    c. Less than 5 hours per week ..... Yes / No

    d. Less than 2 hours per day ..... Yes / No

    e. 2 to 4 hours per day ..... Yes / No

    f. Over 4 hours per day ..... Yes / No

12. During the period you are using the respirator(s), is your work effort:

    a. Light (less than 200 kcal per hour) ..... Yes / No

If "yes," how long does this period last during the average shift?

___ hrs. ___ mins.

EXAMPLES of a light work effort are sitting while writing, typing, drafting, or performing light assembly work; or standing while operating a drill press (1–3 lbs.) or controlling machines.

b. Moderate (200 to 350 kcal per hour)..... Yes / No

If "yes," how long does this period last during the average shift?

___ hrs. ___ mins

EXAMPLES of moderate work effort are sitting while nailing or filing; driving a truck or bus in urban traffic; standing while drilling, nailing, performing assembly work, or transferring a moderate load (about 35 lbs.) at trunk level; walking on a level surface about 2 mph or down a 5° grade about 3 mph; or pushing a wheelbarrow with a heavy load (about 100 lbs.) on a level surface.

c. Heavy (above 350 kcal per hour)..... Yes / No

If "yes," how long does this period last during the average shift?

___ hrs. ___ mins.

EXAMPLES of heavy work are lifting a heavy load (about 50 lbs.) from the floor to your waist or shoulder; working on a loading dock; shoveling; standing while bricklaying or chipping castings; walking up an

8-degree grade about 2 mph; climbing stairs with a heavy load (about 50 lbs.).

13. Will you be wearing protective clothing and/or equipment (other than the respirator) when you're using your respirator?..... Yes / No

If "yes," describe this protective clothing and/or equipment:

_____

_____

_____

14. Will you be working under hot conditions

(temperature exceeding 77°F)? ..... Yes / No

15. Will you be working under humid conditions? ..... Yes / No

16. Describe the work you'll be doing while you're using your respirator(s):

_____

_____

17. Describe any special or hazardous conditions you might encounter when you're using your respirator(s) (for example, confined spaces, life-threatening gases):

_____

_____

18. Provide the following information, if you know it, for each toxic substance that you'll be exposed to when you're using your respirator(s):

Name of the first toxic substance _____ Estimated maximum exposure level per shift _____ Duration of exposure per shift _____

Name of the second toxic substance _____ Estimated maximum exposure level per shift _____ Duration of exposure per shift _____

Name of the third toxic substance _____ Estimated maximum exposure level per shift _____ Duration of exposure per shift _____

The names of any other toxic substances that you'll be exposed to while using your respirator:

19. Describe any special responsibilities you'll have while using your respirator(s) that may affect the safety and well-being of others (for example, rescue, security):

Appendix E: Fall Protection

Purpose

This procedure covers work practices to reduce injury to Heber Light & Power- qualified climbers who could fall from elevated positions. This procedure requires the use of personal fall protection systems (personal fall-arrest, work-positioning, or fall-restraint systems) when Heber Light & Power qualified climbers are more than four (4) feet above the ground, if another fall protection system is not provided.

Refer to the electrical protection requirements for Qualified Employees in the Electrical T&D Safety Program.

References

29 CFR ~~OSHA~~UOSH 1910.140, "Personal Fall Protection Systems."

Definitions

Body harness: An engineered design of straps that are secured about the worker, distributing the fall-arrest forces over the thighs, pelvis, waist, chest, and shoulders. It is designed to attach to other components of a personal fall-arrest system.

Competent person: A person capable of identifying existing and predictable hazards in any personal fall-protection system or any com- ponent, as well as the application and use of related equipment.

Deceleration device: A mechanism such as a rope grab, rip-stitch lanyard, tearing lanyard, deforming lanyard, or automatic self-retracting lifeline/lanyard that serves to dissipate a substantial amount of energy during a fall arrest.

Fall-protection system: A system used to provide protection from falling or to safely arrest an employee's fall if one occurs. Examples of personal fall-protection systems include personal fall-arrest systems, work-positioning systems, and travel-restraint systems.

Lanyard: A flexible line of webbing or synthetic or wire rope used to secure a safety belt or full-body harness to a lifeline or anchor.

Leading edge: The edge of a floor or roof.

Lifeline: A synthetic or wire rope, rigged from an anchorage that is attached to a worker's lanyard or other part of a personal fall-protection system.

Personal fall-restraint system: A system that prevents a worker from falling any distance by not allowing the worker to reach an unprotected leading edge, such as a roof.

Personal fall-arrest system: A system used to stop a worker's fall from an elevated position. It consists of a body harness, anchorage, connector, lanyard, deceleration device, lifeline, or a suitable combination of these. A fall arrest system is designed to prevent an employee from free-falling more than six (6) feet.

Shock-absorbing lanyard: A flexible line of rope, wire rope, or strap

that generally has a connector at each end for connecting the body harness to a lifeline or anchor point and has deceleration capabilities as part of the entire unit (e.g., rip-stitching, tearing, or deforming lanyards).

Self-retracting lifeline/lanyard: A deceleration device containing a drum-wound line that can be slowly extracted from, or retracted onto, the drum under slight tension during normal employee movement, and which, after onset of a fall, automatically locks the drum and arrests the fall.

Snap hook: All snap hooks used are to be of the locking type with a self-closing, self-locking keeper that remains closed and locked until unlocked and pressed open for connection or disconnection.

Unprotected sides and edges: Any side or edge of an elevated walking/ working surface (floor or roof) where there is no wall or guardrail system at least 42 inches in height.

Work-positioning equipment: A body belt or body-harness system rigged to allow a qualified climber to be supported on an elevated vertical surface such as ladders and to work with both hands free while leaning.

Work at heights: Work performed at a height equal to or greater than four (4) feet.

General

Each Heber Light & Power department shall assess work locations under their responsibility where there is a fall hazard of any kind. This includes floor holes, floor openings, walkways and platforms where workers could walk and that are typically protected by guardrail systems. Locations where a fall could exist will have proper guardrail systems installed.

Heber Light & Power walking/working surfaces and platforms with any unprotected sides or edges, except ramps, stairway, or fixed ladder, where a fall of four (4) feet or more could occur shall be protected by a fall-protection system. Acceptable fall-protection systems include:

- Standard guardrail systems specified in 29 CFR ~~OSHA~~UOSH 1910.29.
- Personal fall-restraint system preventing the worker from falling any distance.
- Personal fall-arrest system that does not allow the worker to fall more than six (6) feet.
- Work-positioning system preventing the worker from falling no more than two (2) feet.
- Catch platform.
- Warning line

Refer to 29 CFR ~~OSHA~~UOSH 19126.500 when work is performed ten (10) feet or more above the ground or lower level during roofing, construction, excavation, and trenching.

Only fall-protection systems meeting ASTM F855-19 "Standard Specifications for Personal Climbing Equipment" and provided by Heber Light & Power, shall be used by Heber Light & Power employees.

All personal fall-protection systems subjected to impact loading shall be immediately removed from service. The systems and components shall not be reused until they have been inspected by a

competent person and found undamaged and in good working order.

Personal fall-protection systems shall be inspected by the user prior

to each use for wear, damage, and other deterioration. Defective com- ponents shall be removed from service. Personal fall-protection systems shall be inspected by a competent person annually.

Only double-locking type snap hooks that are part of personal fall- protection systems shall be used.

Personal Fall-Restraint Systems

Two types of personal fall-restraint system may be used to protect from falls of four (4) feet or more from the ground or lower level:

1. Guardrails having a vertical height of 42 to 45 inches.

Refer to 29 CFR ~~OSHA~~UOSH 1910.29 for guardrail requirements.

2. Personal fall-restraints systems consisting of cable systems, anchoring points, full-body harnesses, and lanyard.

Fall-restraint systems shall be rigged so the employee cannot fall any distance and shall be rigged to allow the movement of the employee only as far as the edge of the walking/working surface.

Positing straps are acceptable for use as a fall-restraint system only when used with a ladder.

Anchorage points for fall-restraint equipment shall be capable of supporting at least 1,000 lbs. (4.45 kN) per person.

A single-bolt steel member may meet the requirements for personal fall restraint if it has been approved by a competent person.

Personal Fall-Arrest Systems

Personal fall-arrest systems must:

- Limit the maximum arresting force on a worker to 1,800 pounds when a full-body harness is used.
- Be rigged so that the worker cannot free fall more than six (6) feet, and not contact a lower level. The total free-fall distance must include lanyard length, shock-absorber elongation, and body-harness stretch when determining the height of an anchorage.
- Bring an employee to a complete stop and limit maximum deceleration distance an employee travels to 3.5 feet.
- When a shock-absorbing lanyard is used, it shall restrict the forces on the body to 900 lbs. or less.
- When a self-retracting lifeline is used, the maximum free-fall distance shall be two (2) feet or less.
-

Anchorages used with personal fall-arrest systems shall be capable of supporting at least 5,000 lbs. (22.2 kN) per person. The anchorage should be located directly above the worker, if possible, to reduce the chance of a swing fall. An anchorage must be high enough above a worker so that the arrest system will stop the fall before the worker contacts the lower level.

Positioning straps are not permitted for use in personal fall-arrest systems.

Work-Positioning Systems

Work-positioning equipment shall:

- Be rigged so the worker cannot fall more than two (2) feet.
- Have an anchorage point rated at least 3,600 lbs. or capable of supporting at least twice the

potential impact load of the worker's fall.

- Use a positioning belt or a full body harness.
- Have all connecting assemblies rated at 5,000 lbs. minimum breaking strength
- Snap hooks shall be locking-type snap hooks. Have snap hooks designed for the following connections, snap hooks must not be engaged:
  - Directly to webbing, rope, or wire rope.
  - To each other.
  - To a D-ring to which another snap hook or other connector is attached.
  - To a horizontal lifeline; or
  - To any object that is incompatibly shaped or dimensioned in relation to the snap hook such that unintentional dis- engagement could occur by the connected object being able to depress the snap hook keeper and release itself.

Inspection and Maintenance

Personal fall-protection systems and equipment shall be visually inspected prior to each use and periodically per the manufacturer's specifications for excessive wear, damage, and other signs of deterioration. Defective or out-of-date equipment shall be immediately removed from service, tagged, and promptly destroyed.

Personal fall-protection systems involved in a fall incident shall be taken out of service immediately and permanently. Retractable lifelines shall be sent back to the manufacturer for repair and re-certification or destroyed.

A competent person shall review the entire fall-protection process and inspect all fall-protection equipment every 12 months.

Training

Heber Light & Power employees who perform work at heights shall be trained in the fall-protection procedures they are required to follow and shall demonstrate proficiency in the procedures. Refresher training should be provided every three (3) years.

Retraining shall be provided when:

- Changes in the workplace render previous training obsolete.
- Changes in the types of fall-protection equipment have occurred.
- Changes are made to the fall-protection program.
- Competent personnel identify the need for additional training.

Employees who maintain and inspect personal fall-arrest systems shall receive formal training on how to properly maintain and inspect these systems. The training shall be conducted by a qualified person or competent person.

Appendix F: Control of Hazardous Energy

LO/TO

Purpose

This Control of Hazardous Energy Procedure, also known as Lockout/Tagout (LOTO), establishes the authority, responsibility, and process for controlling hazardous energy sources including electrical, mechanical, hydraulic (including water), pneumatic, chemical, thermal, gravity, or other kinds of energy. This procedure covers all Heber Light & Power facilities not directly related to the generation, transmission, transformation, and distribution of electric energy as specified in 29 CFR ~~OSHA~~UOSH 1910.269.

References

2020 NEC 70E

29 CFR ~~OSHA~~UOSH 1910.147, "Control of Hazardous Energy."

Definitions

Affected employee: A Heber Light & Power employee who is required to enter areas where machines, equipment, or devices could be under a LOTO procedure for service or maintenance.

Approved wire tie: A plastic wire tie with a 50 lbs. minimum breaking strength.

Authorized employee: An employee who has completed Heber Light & Power's approved LOTO training and has been authorized by Heber Light & Power to apply and remove a LOTO procedure.

Energized: Connected to an energy source or containing residual or stored energy.

Energy-isolating device: A mechanical device that physically prevents transmitting or releasing energy. This includes, but is not limited to:

- Manually operated electrical circuit breakers
- Disconnect switches.
- Manually operated switches that disconnect the conductors of a circuit from all ungrounded supply conductors if no pole of the switch can be operated independently.
- Line valves
- Blocks

- Similar devices are used to block or isolate energy.

  NOTE: Push buttons, selector switches, and other control-circuit type devices are not energy-isolating devices.

Energy source: Any source of electrical, mechanical, hydraulic, pneumatic, chemical, thermal, or other energy, including gravity.

Lockout: Placing a lockout device on an energy-isolating device using an established procedure to ensure the machine, equipment, or device cannot be operated until the lockout device has been removed by the authorized employee.

Lockout device: A device that uses positive means, such as a key or combination lock, to hold an energy-isolating device in the "safe" or "off" position.

Servicing and maintenance: Activities such as constructing, installing, removing, setting up, adjusting, inspecting, modifying, maintaining, and servicing machines, equipment, or devices. It also includes lubricating, cleaning, un-jamming, and making tool changes.

Stored energy: Contained energy with a potential for release, such as electrical power from AC or DC sources; pressure retained in pipes, pipelines, hoses, cylinders, or coiled springs; and air pressure, water pressure, or gas pressure used to operate machines, equipment, or devices.

Tagout: Placing a tagout device on an energy-isolating device using an established procedure to ensure the machine, equipment, or device cannot be operated until the lockout device has been removed by the authorized employee.

Tagout device: A specifically designed tag, stating "Do Not Operate" (see Figure F-1), and a means of attachment. It is securely fastened to an energy-isolating device indicating that the energy-isolating device and the machine, equipment, or device it controls shall not be operated until the tagout device is removed by the authorized employee.

General Requirements

This procedure applies to controlling hazardous energy sources at all Heber Light & Power offices, facilities, service centers, shops, and garages. It shall be used when servicing and performing maintenance on:

- All AC and DC electrically operated switches, electrical circuits, electrical wiring, electrical equipment, electrical machines, and motors operating at 50 volts or more and connected to the load side of an electric meter, including customer meters. If an electric meter is not installed, this procedure begins at the main distribution panel.
- Pumps, valves, pipes, pipelines, hoses, cylinders, pressure tanks, machines, and motors operated by mechanical, hydraulic (including water), pneumatic, chemical, steam, gas, air, gravity, or other energy sources.

This procedure uses the term "lockout/tagout" (LOTO) as a general term covering both a lockout procedure and a tagout procedure. A tagout procedure does not provide the level of hazardous energy control a lockout device provides and shall be used only if the machine, equipment, or device is not lockable.

All workers, whether working alone or as part of a crew, craft, or department, shall hold a pre-job briefing to discuss the:

- Work to be performed.
- Hazards of the work
- Personal protective equipment (PPE) required.
- Type, location, and hazards associated with the energy source(s) of a machine, equipment, or

device.

- Method or means needed to control the energy source(s)
- Proper de-energizing sequence of the machine, equipment or device
- Correct application of the required LOTO procedure

Before beginning work on a machine, equipment, or device that has

been included in an LOTO procedure, the authorized employee shall verify that the isolation and de-energizing of the machine, equipment, or device is complete and safe to service or perform maintenance.

If de-energized electrical lines and equipment could be exposed and contacted during servicing and maintenance, the de-energized electrical lines and equipment shall be tested with an approved voltage detector and grounded.

Grounding, blocking, repositioning, and other methods may be required to ensure machines, equipment, or devices have had stored energy in the form of capacitors, springs, flywheels, hydraulic, or pneumatic systems released before work begins.

No Heber Light & Power employee will be required to work on any machine, equipment, or device they consider unsafe. No servicing or maintenance of a machine, equipment, or device shall be performed unless it can be made safe after following a LOTO procedure.

Employees are encouraged to identify machines, equipment, or devices that could be modified to facilitate the installation of a lockout device and/or identify the need to purchase special lockout devices for any machine, equipment, or device.

When machines, equipment, or devices are newly installed, replaced, or modified, or when a major repair is performed, it shall be modified to accept a locking device.

No worker shall attempt to start, energize, or otherwise use any machine, equipment, or device that is in locked-out or tagged-out condition. Failure to follow the procedures outlined in this procedure may result in disciplinary action.

If service or maintenance has not been completed on the machine, equipment, or device at the end of the work shift, and if it will not be returned to service until authorized employee returns to work the next day, the LOTO device(s) may be left in place with the permission of the authorized employee's supervisor. Before the authorized employee begins work on the machine, equipment, or device the next day, they shall ensure all energy-isolating devices, locks, and tags are in place before resuming work.

Contractors working at Heber Light & Power facilities shall follow this procedure unless the contractor's LOTO procedure has been reviewed and approved by Heber Light & Power management. Affected workers shall be trained in the contractor's LOTO procedure if it differs from Heber Light & Power's LOTO procedure.

Training

All authorized employees shall complete LOTO training prior to implementing this procedure. Workers must be retrained every two years, or whenever the procedure is revised. Only authorized employees who have completed LOTO training and are authorized by Heber Light & Power to apply and remove a LOTO procedure may do so.

Affected workers shall be trained before working in areas where a LOTO procedure has or will be applied. The affected workers shall be trained to:

- Recognize specific machines, equipment, and devices and their use.
- Know the types of energy sources in the work area and their means of isolation.

- Understand the purpose and location of all LOTO energy- isolating devices.
- Not remove any lockout or tagout devices
- Not re-energize or re-start any machine, equipment, or device that has been placed under a LOTO procedure.

Energy Sources

A LOTO device shall be used when any electrically operated machine, equipment, or device cannot be unplugged before being serviced or maintained and the plug cannot be in the full control of the authorized employee. This includes a hard-wired drill press, table saws, boiler electrical controls, air conditioner electrical controls, electrical circuits, etc.

A LOTO device shall be used on mechanical controls such as machine tools, compressor engines, belts, gears, etc.

A LOTO device shall be used on pneumatic systems such as air com- pressors, air tools, air supply lines, etc.

A LOTO device shall be used on hydraulic systems such as hoists, garage lifts, presses, hydraulic tools, hydraulic supply lines, etc.

A LOTO device shall be used on hot water valves, flywheels, springs, and other energy sources.

Lockout/Tagout Devices

Lockout and tagout devices shall:

- Create no additional hazards.
- Have a distinctive design or appearance.
- Be the only devices used for controlling energy.
- Not be used for any other purpose.
- Be durable enough to withstand the environment they are used in for the maximum time they are expected to be used.
- Be standardized within the facility by color, shape, or size.
- Identify the person applying the device and the date applied.

Lockout Device

An appropriate lockout device shall be used where machines, equipment, or devices are lockable. A “Do No Operate” tag with the date and signature of the authorized employee installing the lockout device shall also be attached with the lockout device using an approved wire tie.

Tagout Devices

If the machine, equipment, or device is not lockable, a tagout system may be used if it meets all the following:

- The tagout device can be attached where a lockout device would be placed.
- The tagout device provides the same level of employee protection as a lockout device by taking additional safety measures, such as:
  - Removing part of the isolating circuit
  - Blocking a controlling switch
  - Opening an extra disconnecting device
  - Removing a valve handle

Figure F-1. Do Not Operate tag.

Single-Employee LOTO Procedure

The authorized employee shall notify all affected workers in the vicinity of a machine, equipment, or device that it will be de-energized and a LOTO procedure implemented. The authorized employee shall then conduct a pre-job briefing as detailed above.

Before an authorized employee begins the LOTO procedure they shall be knowledgeable in the:

- Operation of the machine, equipment, or device
- Type, location, and hazards associated with the energy source(s) of a machine, equipment, or device.
- Method or means needed to control the energy source(s)
- Proper de-energizing sequence of the machine, equipment, or device
- Correct application of the required LOTO procedure

The machine, equipment, or device shall be disconnected from all energy source(s) using the appropriate energy-isolating device(s).

An appropriate lockout device shall be attached to the energy- isolating device, and a completed "Do Not Operate" tag shall be attached as detailed above, clearly indicating that a LOTO procedure is in effect.

If the machine, equipment, or device is not lockable, a completed "Do Not Operate" tag shall be attached to the energy-isolating device, clearly indicating that a LOTO procedure is in effect, and additional safety measures shall be completed as detailed above.

Before the authorized employee removes a LOTO procedure, they shall notify all affected

workers that the machine, equipment, or device will no longer be in a LOTO condition and will be re-energized. The authorized employee shall ensure that all workers, tools, and materials are clear of the machine, equipment, or device, and that it is ready for service before beginning the removal of the LOTO procedure.

The authorized employee shall then remove their lockout device and/ or "Do Not Operate" tag and re-energize the machine, equipment, or device as required.

Group LOTO Procedure

If a crew foreman or supervisor is responsible for a crew, craft, or department, they shall ensure all the requirements of this LOTO procedure are followed by all authorized workers under their direction, including conducting a pre-job briefing as detailed above.

The crew foreman or supervisor shall be the first to apply their lockout device and/or "Do Not Operate" tag to a group lockout device, lockbox, or comparable mechanism. After the crew foreman or super- visor has applied their lockout device and/or "Do Not Operate" tag, all other authorized workers involved in the servicing and maintenance of the machine, equipment or device shall apply their own personal lockout device or "Do Not Operate" tag. When lockout devices are used, only the foreman or supervisor's needs to install a completed "Do Not Operate" tag.

When the service or maintenance of a machine, equipment, or device is complete and the machine, equipment, or device is ready for service, the crew foreman or supervisor shall notify all authorized workers that the service or maintenance is complete, tools and materials are clear, and the machine, equipment, or device is ready for service before beginning the removal of the LOTO procedure. Each authorized worker shall then remove their personal lockout device or "Do Not Operate" tag. The foreman or supervisor shall be the last to remove their lockout device and/or tag from the machine, equipment, or device.

LOTO Transfer

A LOTO procedure may be transferred from one authorized employee to another. The original authorized employee shall inform the new authorized employee of all hazardous energy sources and locations of the energy-isolating devices with LOTO devices.

The original authorized employee shall remove their LOTO device and/or "Do Not Operate" tag, one device at a time, then witness the immediate installation of the new LOTO device and/or "Do Not Operate" tag filled out by the new authorized employee. This process shall be completed at each LOTO location.

If the transfer is to occur at a group LOTO, the original authorized employee shall first notify all authorized workers involved in the group LOTO that a LOTO transfer is planned.

LOTO Annual Audit

An annual audit of Heber Light & Power's LOTO procedure shall be conducted by a Heber Light & Power employee, or their representative, who does not perform Heber Light & Power's LOTO procedure. The auditor shall be knowledgeable in the industry specific accepted LOTO procedures. The audit shall include:

- An inspection of the machine, equipment, or device involved in the LOTO procedure, ensuring it has been disconnected from all hazardous energy sources.
- Inspect the perimeter of the LOTO procedure, including all affected machines, equipment, or devices and all hazardous energy sources within the work area.
- Ensure that the lockout device, and/or "Do Not Operate" tag has been properly applied at all hazardous energy sources.

- Ensure that "Do Not Operate" tag is properly filled out.
- An interview with the authorized employee(s) included in the LOTO, covering their knowledge and responsibilities of the associated LOTO procedure.
- An interview with one or more affected employees in the vicinity of the LOTO, covering their knowledge of the associated LOTO procedure.
- Documentation by the auditor, including:
  - Date of the audit
  - Name and title of the auditor
  - Machine, equipment, or device involved in the LOTO procedure.
  - Employees included in the audit.
  - Observations from the audit
  - Deficiencies found during the audit, if applicable

The auditor's report shall be retained by Heber Light & Power's Human Resources department for one year. If the audit identifies any deficiencies, Heber Light & Power's management shall review the LOTO procedures and correct any identified concerns.

Special Conditions

This procedure provides temporary instructions under special operating conditions and/or temporary equipment limitations. These are identified with a Special Conditions Tag placed on the equipment.

A Special Conditions Tag serves as temporary instructions for the tagged equipment and is NEVER used for personal protection.

A Special Conditions Tag shall only be installed by an authorized employee.

The authorized employee shall determine if the Special Conditions Procedure is necessary after making an assessment and finding the equipment:

- Requires additional work before it can be operational,
- Has limited operation,
- Is damaged or requires more repair, or
- Has reduced capability.

The authorized employee shall install a Special Conditions Tag on the control device of the affected equipment. If the equipment's control device is not accessible, the tag shall be placed in a conspicuous location on the equipment.

The Special Conditions Procedure shall not be used for permanent conditions. If the Special Conditions Procedure must be used for an extended period, the Special Condition Tag shall be updated and replaced periodically to reflect the current status of equipment.

The authorized employee installing the Special Conditions Tag shall document any special conditions on the Special Conditions Tag.

When the special conditions involving the equipment have been resolved, an authorized employee shall remove the Special Conditions Tag from the equipment.

Figure F-2. Special Conditions Tag

Appendix F: Control of Hazardous Energy

Heber Light & Power Business Plan 2025

Business Drivers	Priorities 2025	Objectives	Metric/Indicator	Target
Financial Strength • **Debt** • **Expense/Revenue** • **Reserves** • **Risk Management** • **Rates**	• Maintain Electric System Revenue Requirements • Prepare for a financing	• Manage combined expenses and reserves at or lower than actual revenue • Develop a plan of finance	• Actual to budget expenses YTD/Actual to Budget Revenues YTD • Plan of Finance complete	• >5% • November/December
	• Complete an impact fee study. • Prepare organization for changing wholesale energy markets	• Set a new Impact fee • Train Staff on EDAM & analyze the best operational changes to comply with the least financial impact.	• New Impact fee approved by the Board. • Develop the best practice operational plan and be ready to implement when markets change.	• Year end • Year end
Deliver Excellent Service • **Corporate Integrity** • **Bill Quality** • **Customer Service** • **Service Quality** • **Bill Amounts/Rates**	• System Inspection and asset identification and location	• Inspect the entire system and catalog all assets by picture and location, and complete Mapwise.	• Quarterly meetings to track progress	System inspections complete. Mapwise fully integrated Board Updates quarterly
	• Adapt to Customers Changing Demands • Communicate outage information • South Field substation feeders	• Implement a customer newsletter • Begin to communicate via text to customers outage time & area information • Get all feasible 12kv feeders tied to the system.	• Communication of rates, energy efficiency programs & service rule changes • Text communication begins • 12kv Feeders energized and serving load	• Q2 • Q2 • Year end
Develop Engaged and Proficient Employees • **Safety** • **Security** • **Productivity** • **Inclusion** • **Compensation** • **Professionalism** • **Opportunity**	• Promote a Safe and Secure Workplace.	• Draft a HL&P specific safety manual.	• Manual complete and approved by the board.	• By year end
	• Workforce Happiness	• Moving employees into the new facility	• Have employees moved in and trained on new facility systems	• Year end.
	• Workforce development	• Empower and train personnel so higher levels of performance can be achieved.	• Develop a job specific training plan for all departments	• Year end