004-1M-3-13

UTAH POWER & LIGHT COMPANY

DEPARTMENT OF GENERATION & TRANSMISSION

OLMSTED STATION DATE OCT 20 1913

THE ARROW PRESS, 66 W. SECOND SOUTH, SALT LAKE C0118

TIME	GENERATOR No. 1 Current	Voltage	P.F.	K.W.	K.W.H.	Vacuum	GENERATOR No. 2 Current	Voltage	P.F.	K.W.	K.W.H.	Vacuum	GENERATOR No. 3 Current	Voltage	P.F.	K.W.	K.W.H.	Vacuum	Water Pressure	Circuit No. 1 K.W.H.	Current	Circuit No. 2 K.W.H.	Current	Circuit No. 3 K.W.H.	Current	Total Output K.W.Hrs.
12.30	480	121	90	1900	950	8	410	121	96	1600	800	31	350	121				6	140		28		28		11	1750
1.00	400	121	97	1600	800	8	330	121	96	1500	600	31	360	121				5	140		28		26		11	1400
1.30	370	121	74	1550	850	8	310	121	95	1400	700	31	290	121				5	140		25		21		11	1400
2.00	400	121	77	1750	800	8	330	121	97	1400	700	32	250	121				5	140		23		21		12	1550
2.30	400	121	82	1900	800	8	340	121	97	1550	700	31	350	121				5	140		24		23		12	1600
3.00	380	121	75	1600	950	8	310	121	95	1300	750	31	270	121				5	140		24		22		12	1400
3.30	400	121	97	1750	750	8	350	121	97	1400	650	32	260	121				5	140		23		20		13	1450
4.00	390	121	97	1700	750	8	300	121	97	1250	750	31	240	121				5	140		22		21		13	1500
4.30	380	121	95	1600	800	9	310	121	96	1250	600	31	210	121				5	140		24		21		13	1450
5.00	460	121	96	1900	1000	8	390	121	97	1700	850	32	270	121				5	140		27		24		7	1700
5.30	450	121	97	2000	1000	8	390	121	98	1600	1000	32	250	121				5	140		27		24		11	2100
6.00	430	121	94	1900	950	9	370	121	97	1500	800	33	250	121					140		27		24			1750
6.30	420	121	94	1900	950	9	360	121	96	1500	800	33	240	121				8	140		27		22			1750
7.00	380	121	94	1800	950	8	330	121	97	1400	900	32	240	121				8	140		22		22		11	1750
7.30	360	121	93	1700	850	8	350	121	97	1500	900	32	270	121				8	140		26		22		11	1700
8.00	500	121	93	2000	950	9	370	121	97	1950	950	28	350	121				11	140		30		25			1950
8.30	490	121	90	1900	900	9	360	121		1800	950	29	310	121			200	10	140		25		24		9	1850
9.00	490	121	93	1900	900	8	450	121	93	1600	900	31	410	121			200	12	140		30		26		9	1850
9.30	480	121	90	1900	900	9	450	121	93	1500	700	30	400	121			200	12	140		30		27		9	1700
10.00	450	121	93	1800	900	8	490	121	95	1900	900	26	420	121			200	12	140		29		26		11	2000
10.30	380	121	93	1400	850	8	500	121	94	1900	900	28	400	121			200	12	140		28		25		11	1950
11.00	450	121	93	1600	800	8	480	121	93	1600	1000	29	430	121			150	12	140		32		27		9	1900
11.30	430	121	88	1300	700	8	410	121	92	900	800	26	500	121			150	12	140		35		27		9	1700
NOON	450	121	93	1400	900	9	350	121	95	850	500	30	440	121			200	12	140		34		24		9	1400
12.30	450	121	92	1750	750	9	460	121	96	1850	700	33	340	121			150	12	140		29		26		9	1600
1.00	520	121	88	2000	1000	11	450	121	98	1500	1000	24	520	121			200	8	140		32		25		10	2000
1.30	480	121	90	1500	900	9	500	121	90	1700	1000	28	480	121			60	8	140		33		25		8	1950
2.00	480	121	94	1600	750	9	450	121	85	1500	900	26	540	121				8	140		35		28		8	1650
2.30	480	121	90	1500	850	8	550	121	83	1600	850	27	450	121			50	8	140		35		27		8	1750
3.00	500	121	80	1800	850	9	560	121	87	1600	850	27	380	121			100	8	140		34		31		9	1800
3.30	470	121	90	1500	900	9	500	121	86	1100	850	22	430	121			50	8	140		34		25		10	1800
4.00	350	121	60	1000	650	6	520	121	80	1200	550	21	450	121			50	8	140		35		27		8	1250
4.30	480	121	93	1400	700	8	400	121	78	1400	650	25	340	121				8	140		30		24		9	1350
5.00	450	121	87	1800	750	10	550	121	85	1300	650	22	280	121				8	140		29		25		9	1400
5.30	400	121	81	1400	800	10	410	121	88	1400	750	21	300	121			50	8	140		27		20		9	1550
6.00	420	121	90	1700	900	10	410	121	88	1600	750	26	300	121			100	8	140		27		22		10	1750
6.30	460	121	92	1800	900	11	400	121	90	1400	800	24	330	121			100	8	140		29		25		10	1800
7.00	480	121	90	1650	900	10	430	121	90	1600	850	26	330	121			150	8	140		28		22		10	1800
7.30	480	121	90	1650	800	10	420	121	89	1400	750	23	360	121			150	8	140		30		24		11	1650
8.00	480	121	84	1500	800	10	510	121	93	1850	800	33	320	121			100	8	140		30		24		10	1700
8.30	400	121	89	1400	800	9	430	121	88	1400	750	25	330	121			100	8	140		28		24		10	1850
9.00	410	121	83	1550	700	9	420	121	89	1450	800	31	340	121			100	8	140		29		23		10	1650
9.30	410	121	83	1600	800	9	450	121	90	1550	800	30	340	121			150	8	140		27		22		10	1710
10.00	380	121	91	1550	800	9	360	121	80	980	750	30	330	121			100	8	140		30		21		10	1500
10.30	410	121	92	1650	900	9	470	121	95	1800	650	32	280	121			150	8	140		26		23		10	1500
11.00	410	121	93	1750	800	9	440	121	93	1450	850	30	270	121			150	8	140		26		25		10	1750
11.30	380	121	91	1700	800	9	420	121	92	1550	850	31	280	121			100	8	140		27		24		10	1750
Midnight	400	121	95	1600	850		420	121	92	1500	750	30	280	121			150	8	140		26		26		10	1750
Total																										
Average																										

Weather *Clear* Rainfall inches, Snowfall inches, Total Equivalent rainfall inches, Humidity

Continuous load available 3800 K. W., Max. Temp. °F, Min. Temp. °F,

Stream Weir Readings , Equiv. Sec. Feet , Time A.M. $\frac{\text{AVERAGE LOAD}}{\text{PEAK LOAD}} = \frac{3404.16}{4400} = .77$ $\frac{\text{AVERAGE LOAD}}{\text{CONTINUOUS LOAD AVAILABLE}} = \frac{3404.16}{3800} = .89$

Stream Weir Readings , Equiv. Sec. Feet , Time P.M.

Wheel Discharge Weir Readings , Equiv. Sec. Feet , Time A. M. Max. 2 Min. Peak K.W. 4400 Time 1 PM

Wheel Discharge Weir Readings , Equiv. Sec. Feet , Time P. M. Minimum Load K.W. 2400 Time 7 AM

Int'g Meter Reading, Midnight, Today. Gen. 1 51550 Gen. 2 996500 Gen. 3 695300 Total 1743350

Int'g Meter Reading, Midnight, Yesterday, Gen. 1 11500 Gen. 2 959300 Gen. 3 690850 Total 1661650

Difference. 40050 37200 4450 81700

Int'g Meter Reading, Midnight, Today, Circuit 4, Circuit 5, 5413 Circuit 6,

Int'g Meter Reading, Midnight, Yesterday, Circuit 4, Circuit 5, 4840 Circuit 6,

Difference 3440.7 573 x .95 = 544.35

Totalizing Meter Reading, Midnight

	Meter 1.	Meter 2.
Today	3037	735
Yesterday	3022	730
Difference	15	5

Remarks (Note time and nature of all unusual occurrences and switching)

2.47 am Slight surge on System cleared. 8.12 Surge on E & C lines cleared.

2.14 Pm Slight surge on E line cleared.

Time	8.45 – 4.45	4.45 – 12.45	12.45 – 8.45
1st Operator	Taylor	Goodhue	Bacon
2nd Operator		Woodward	Chevers.

A. L. Gooch
Station Superintendent