3004-1M-3-13

UTAH POWER & LIGHT COMPANY

DEPARTMENT OF GENERATION & TRANSMISSION

OLMSTED STATION

THE ARROW PRESS, 68 W. SECOND SOUTH, SALT LAKE C-1110

DATE JUN 14 1913

TIME	Generator No. 1 Current	Voltage	P.F.	K.W.	K.W.H.	Generator No. 2 Vacuum	Current	Voltage	P.F.	K.W.	K.W.H.	Generator No. 3 Vacuum	Current	Voltage	P.F.	K.W.	K.W.H.	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	500	12½				5	310	12½	95	1500	650	6	440	12½	96	1400	860	7	140	26	24		1	1070
1.00	500	12½				5	300	12½	95	1000	620	9	460	12½	98	1600	770	11	140	28	26		1	1420
1.30	500	12½				5	310	12½	96	1400	750	7	440	12½	97	1450	930	11	140	26	25		1	1680
2.00	500	12½				5	300	12½	95	1300	680	6	450	12½	97	1450	840	10	140	27	25		1	1520
2.30	500	12½				5	300	12½	95	1300	720	7	370	12½	95	1300	780	10	140	26	24		1	1500
3.00	500	12½				5	320	12½	97	1350	620	6	440	12½	99	1600	570	10	140	25	24		1	1470
3.30	450	12½				6	350	12½	95	1300	700	7	440	12½	99	1600	850	12	140	22	23		1	1550
4.00	480	12½				5	300	12½	98	1300	730	6	410	12½	100	1600	920	10	140	22	23		1	1650
4.30	480	12½				7	316	12½	90	1350	650	7	440	12½	100	1400	950	10	140	22	23		1	1630
5.00	350	12½				5	320	12½	9[illegible]	1400	600	7	460	12½	90	1450	800	9	140	23	24		1	1400
5.30	300	12½				6	380	12½	97	1550	500	8	450	12½	92	[illegible]	900	10	[illegible]	21	22			1700
6.00	340	12½				5	430	12½	98	1800	900	8	500	12½	92	1800	900	11	140	24	26			1700
6.30	300	12½				5	490	12½	98	1800	1000	9	410	12½	92	1850	1000	10	140	24	27			2000
7.00	330	12½				5	520	12½	91	2200	1000	9	[illegible]	[illegible]	[illegible]	[illegible]	1000	11	140	25	26			2000
7.30	340	12½				5	520	12½	92	1950	900	9	520	12½	[illegible]	1950	[illegible]	10	140	27	26			2000
8.00	320	12½				5	540	12½	92	2000	1000	9	500	12½	[illegible]	2200	1000	10	140	25	32			2000
8.30	500	12½				5	520	12½	92	2200	1000	8	510	12½	[illegible]	2200	1000	11	140	33	32			2000
9.00	500	12½				5	520	12½	92	1800	1000	8	500	12½	[illegible]	1800	1000	9	140	28	30			2000
9.30	500	12½				5	520	12½	92	1800	1000	[illegible]	[illegible]	12½	[illegible]	1800	1000	9	140	34	29			2000
10.00	520	12½				5	660	12½	90	2200	1200	7	590	12½	[illegible]	2200	1100	12	140	31	30			2000
10.30	560	12½				5	560	12½	90	1800	1000	7	540	12½	[illegible]	1800	1000	5	140	41	35			2000
11.00	560	12½				5	540	12½	87	1600	1000	11	670	12½	[illegible]	1600	1000	9	140	34	33			2000
11.30	560	12½				5	540	12½	90	1700	900	7	560	12½	[illegible]	1700	900	7	140	40	31			1900
NOON	570	12½				10	620	12½	86	1600	800	9	630	12½	[illegible]	1600	800	4	140	26	28			1800
12.30	620	12½	68	1800	770	12	620	12½	85	1700	900	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33	35			1700
1.00	610	120	72	1950	940	11	640	120	78	1550	770	9	—	—	—	—	—		140	33	30			1710
1.30	590	120	—	1850	960	12	500	120	90	1950	750	10	810	120	—	—	—	3	140	33	25			1510
2.00	640	120	66	1900	890	10	500	120	94	1900	980	12	810	120				2	140	31	26		2	1870
2.30	600	120	60	1600	790	12	560	120	92	2000	850	10	390	120				4	140	34	29		2	1640
3.00	600	120	66	1800	870	12	540	120	92	2000	960	11	380	120				2	140	33	28		2	1830
3.30	620	120	68	1900	950	12	550	120	92	1950	990	12	400	120				2	140	34	30		2	1940
4.00	620	120	66	1850	900	12	560	120	92	1950	900	10	380	120				2	140	38	25		2	1800
4.30	580	120	—	1800	830	10	450	120	98	1650	810	10	320	120				2	140	37	26		2	1640
5.00	450	120	65	1300	770	10	350	120	90	1200	740	10	260	120				2	140	30	15		2	1510
5.30	480	120	70	1530	710	10	370	120	94	1450	680	10	240	120				2	140	25	20		2	1390
6.00	570	120	85	2100	840	10	520	120	97	2100	860	10	220	120				2	140	30	29		2	1700
6.30	460	120	72	1600	850	10	700	120	98	2000	1010	10	200	120				2	140	30	28		2	1860
7.00	520	120	80	1850	970	10	520	120	96	2050	1000	10	300	120				2	140	31	27		2	1970
7.30	470	120	70	1450	920	12	510	120	96	2050	950	12	290	120				2	140	29	25		2	1870
8.00	510	120	80	1800	970	10	520	120	92	1950	1010	10	340	120				2	140	32	30		2	1980
8.30	470	120	84	1800	960	12	520	120	90	1800	1010	10	400	120				2	140	33	27		2	1970
9.00	550	120	82	2000	1020	13	570	120	92	2000	1030	10	400	120				2	140	33	30		2	2050
9.30	516	120	92	2050	960	14	450	120	90	1900	1650	10	430	120				2	140	32	34		1	2010
10.00	450	120	75	1500	830	12	430	120	92	1500	750	10	320	120				2	140	28	22		1	1780
10.30	450	120	82	1700	810	12	530	120	95	1950	790	10	330	120				2	140	30	27		1	1400
11.00	400	120	75	1300	980	12	430	120	85	1350	1030	10	450	120				2	140	32	27		1	2010
11.30	450	120	70	1400	920	12	440	120	90	1700	700	9	400	120				2	140	33	29		1	1920
Midnight	420	120	66	1150	680	12	420	120	82	1200	650	4	360	120				2	140	30	24		2	1960
Total																									
Average																									

West K.W.H. Meter not working properly

Weather *Clear & Warm.* Rainfall inches, Snowfall inches, Total Equivalent rainfall inches, Humidity

Continuous load available *4100* K. W., Max. Temp. °F, Min. Temp. °F,

Stream Weir Readings , Equiv. Sec. Feet , Time A.M. $\frac{\text{AVERAGE LOAD}}{\text{PEAK LOAD}} = \frac{3489}{4600} = .75$ $\frac{\text{AVERAGE LOAD}}{\text{CONTINUOUS LOAD AVAILABLE}} = \frac{3489}{4100} = .85$

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. Time

Wheel Discharge Weir Readings , Equiv. Sec. Feet , Time P. M. Minimum Load K.W. *2800* Time *5:00 A.M.*

Int'g Meter Reading, Midnight, Today. Gen. 1 *190000* Gen. 2 *405600* Gen. 3 *819900* Total *1415500*

Int'g Meter Reading, Midnight, Yesterday. Gen. 1 *169480* Gen. 2 *363750* Gen. 3 *798520* Total *1331750*

Difference. *20520* *41850* *21380* *83750*

Int'g Meter Reading, Midnight, Today, Circuit 4, Circuit 5, *11070* Circuit 6,

Int'g Meter Reading, Midnight, Yesterday, Circuit 4, Circuit 5, *10185* Circuit 6,

Difference *5579* *887 X .95 = 842.6*

Totalizing Meter Reading, Midnight

	Meter 1.	Meter 2.
Today	*1048*	*214*
Yesterday	*1045*	*211*
Difference	*3*	*3*

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

5:28 A.M. West line tripped out. 5:49 Synchronized with West line. Potential trans. fuses & blocks on W. gen. Were up. 12:25 P.M. W. gen. off & shut down. 1:14 P.M. Synchronized W. gen. with system. 1:20 P.M. Cut off W. line. 1:47 W. line in sym. closed in auto. 9:40 A.M. Dropped W. line & grounded same.

Time *8:45 P. 4:45 A* *4:00 A.M. 12:45 P.M.*

1st Operator *H.C. Denny.* *Gaidrie*

2nd Operator *A Adamson* *Woodward.*

H. Howlin Station Superintendent