O Form 2107-20 M-3-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Office Station ..... Station for JUL 2 - 1915 ..... 191.....

GENERATION

TIME	#1 GENERATOR Actual Amperes (Av. of 3 Phases)	Kilowatts	Head in Feet Pressure	Vacuum	Total	#2 GENERATOR Actual Amperes (Av. of 3 Phases)	Kilowatts	Head in Feet Pressure	Vacuum	Total	#3 GENERATOR Actual Amperes (Av. of 3 Phases)	Kilowatts	Head in Feet Pressure	Vacuum	Total	GENERATOR Actual Amperes (Av. of 3 Phases)	Kilowatts	Head in Feet Pressure	Vacuum	Total	GENERATOR Actual Amperes (Av. of 3 Phases)	Kilowatts	Head in Feet Pressure	Vacuum	Total	ENTIRE STATION Actual Amperes (Av. of 3 Phases)	Kilowatts	Actual Volts	Power Factor %	TIME
M'd't			Dead			550	2250	322	6	328	370	1400	322	11	333											820	3650	118		M'd't
1						560	2250	322	6	328	360	1400	322	10	332											920	3650	118		1
2						560	2250	322	6	328	360	1400	322	10	332											920	3650	118		2
3						570	2250	322	6	328	350	1400	322	10	332											920	3650	118		3
4						560	2250	322	6	328	370	1400	322	10	332											930	3650	118		4
5						530	2250	322	6	328	430	1500	322	10	332											920	3750	120		5
6						480	2000	322	6	328	370	1200	322	10	332											850	3200	120		6
7						560	2400	322	6	328	360	1200	322	10	332											920	3600	120		7
8						530	2150	322	6	328	370	1200	322	9	331											900	3300	118		8
9						570	2300	322	6	328	380	1250	322	9	331											850	3550	116		9
10						570	2300	322	6	328	330	1200	322	7	329											950	3500	116		10
11						570	2300	322	6	328	310	950	322	7	329											920	3200	116		11
Noon						600	2300	322	6	328	400	1450	322	9	331											910	3250	116		Noon
1						550	2250	322	6	328	420	1000	322	9	331											950	3300	116		1
2						610	2350	322	6	328	380	950	322	9	331											930	3350	116		2
3						590	2350	322	6	328	350	950	322	10	332											920	3300	116		3
4						590	2350	322	6	328	370	1200	322	10	332											940	3300	116		4
5						580	2350	322	6	328	370	1150	322	10	332											950	3500	116		5
6						590	2350	322	6	328	320	1000	322	7	329											960	3500	116		6
7						610	2350	322	6	328	390	1150	322	7	329											930	3350	116		7
8						580	2350	322	6	328	360	1300	322	9	331											970	3500	119		8
9						590	2350	322	6	328	310	1150	322	9	331											950	3450	116		9
10						600	2400	322	6	328	300	1000	322	10	332											910	3550	116		10
11						600	2350	322	6	328	300	1000	322	10	332											900	3350	116		11
M'd't						580	2400	322	6	328	300	1000	322	10	332											820	3400	118		M'd't
Total									Total	8200				Total	8274					Total					Total	Peak	3750	Average		
Average									Average	328				Average	331.3					Average					Average					

INTEGRATING METER READINGS

Circuit	#1 Gen.	#2 Gen.	#3 Gen.	Gen.	Gen.	Total as shown by Gen. Meters	Totalizing Meter	#1 Circuit	#2 Circuit	#3 Circuit	Circuit	Total as shown by Circuit Meters	Totalizing Meter	#4 Circuit	#4 Circuit	Total	Station Use
Midnight Today	694200	91650	514200				866	6335 238	3028	7704	1806	2161	2777	6867	2722		6582
Midnight Yesterday	694200	24900	478400				854	6329 28	7916	1793	1592	2518	2228	6848	2716		6174
KW.H.	—	56750	35800			92550	12	12	210	212	211	213	48	51	19	6	392

GENERAL DATA

LOAD DATA

Peak load	KW.	~~710.6~~
Load Factor	%	~~[illegible]~~
Average load	KW.	385.6
Continuous load available	"	3600

PRECIPITATION

		Inches
Rainfall		
Snowfall		"
Total equivalent Rainfall		"

STREAM DISCHARGE

	A.M.	P.M.			
Gage Reading			Max.	D.S.F.	
C. F. S.			Min.	"	
			Av.	"	

WHEEL DISCHARGE

	A.M.	P.M.			
Gage Reading			Max.	D.S.F.	
C. F. S.			Min.	"	
			Av.	"	

AIR TEMPERATURE; HUMIDITY

Max. Temp.	Deg. F.	
Min. "	"	
Av. "	"	
Humidity	%	

No. hrs. Wheels operated	#1 Wheel	#2 Wheel	#3 Wheel	Wheel	Wheel
	0	24	24		

No. hrs. Station not operated account low water:

Average head in feet on all Waterwheels: 329.6

Weather: P. Cloudy.

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

1:15 pm W. Line tripped. 1:18 Charged W. line. 1:34 pm Heavy surge on W. line. 1:51 pm Heavy surge on W. line. 1:54 pm Heavy surge on system. 1:55 pm Heavy surge on system. Continuous discharge of L.T.C. lightning arresters. 2:15 pm tested West line, found bad insulator south of this line. 2:00 E.K. 3:17 pm Heavy surge on West line.

SHIFT	6:45 A.M. to 12:45 P.M.	12:45 P.M. to 8:45 P.M.	8:45 P.M. to 4:45 A.M.
1st Operator	E. B. Woodward	H. Young	E. R. Hornbeck
2nd	Bennett	J. Huff	E. List.
3rd			
4th "			

H. L. Fowler

Station Superintendent