O-Form 3407-30M-3-15

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

[redacted] Station for SEP 4 - 1918, 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
M'd't	460	1900	322	7	329	450	1850	322	10	332		Dead			
1	460	1900	322	7	329	450	1850	322	10	332					
2	470	1900	322	7	329	450	1850	322	10	332					
3	450	1900	322	7	329	450	1850	322	10	332					
4	450	1900	322	7	329	440	1850	322	10	332					
5	450	1900	322	7	329	440	1800	322	10	332					
6	450	1900	322	7	329	440	1800	322	10	332					
7	450	1900	322	7	329	440	1800	322	10	332					
8	460	1900	322	7	329	440	1800	322	10	332					
9	450	1900	322	7	329	440	1800	322	10	332					
10	450	1900	322	7	329	440	1800	322	10	332					
11	450	1900	322	7	329	440	1800	322	10	332					
Noon	450	1900	322	7	329	430	1700	322	10	332					
1	450	1850	322	7	329	430	1700	322	10	332					
2	450	1850	322	7	329	430	1700	322	10	332					
3	450	1850	322	7	329	430	1700	322	10	332					
4	450	1850	322	7	329	430	1700	322	10	332					
5	450	1850	322	7	329	430	1700	322	10	332					
6	450	1850	322	7	329	430	1700	322	10	332					
7	450	1850	322	7	329	430	1700	322	10	332					
8	450	1850	322	7	329	430	1700	322	10	332					
9	450	1900	322	7	329	430	1800	322	10	332					
10	440	1900	322	7	329	430	1800	322	10	332					
11	430	1850	322	7	329	430	1800	322	10	332					
M'd't	420	1800	322	7	329	420	1700	322	10	332					
			Total		7896			Total		7968			Total		
			Average		329			Average		332			Average		

TIME	#4 GENERATOR Actual Amperes (Av. of 3 Phases)	Kilowatts	Head in Feet: Pressure	Vacuum	Total	#5 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											[illegible]	[illegible]	120	100	M'd't
1											880	3200	120	100	1
2											880	3200	120	100	2
3											880	3200	120	100	3
4											880	3200	120	100	4
5											880	3200	120	100	5
6											840	3100	120	100	6
7											[illegible]	[illegible]	120	100	7
8											[illegible]	[illegible]	120	100	8
9											990	3600	119	100	9
10											[illegible]	[illegible]	[illegible]	[illegible]	10
11											[illegible]	[illegible]	120	[illegible]	11
Noon											860	3150	120	[illegible]	Noon
1											[illegible]	[illegible]	120	[illegible]	1
2											[illegible]	[illegible]	120	[illegible]	2
3											[illegible]	[illegible]	120	[illegible]	3
4											[illegible]	3100	120	[illegible]	4
5											900	3150	120	[illegible]	5
6											[illegible]	[illegible]	[illegible]	[illegible]	6
7											990	3600	120	[illegible]	7
8											950	3450	120	[illegible]	8
9											890	3200	120	[illegible]	9
10											890	3150	120	[illegible]	10
11											[illegible]	[illegible]	120	[illegible]	11
											[illegible]	[illegible]	120	100	M'd't
			Total					Total							
			Average					Average			Peak	[illegible]	Average	100	

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	To Local Distributing Sub Station: Circuit	Circuit	Total	Station Use
Midnight Today	851600	1092000	528700				4317.9900	3166.2771	2941.4725	1514.5758				41867	5267		2323
Midnight Yesterday	847200	1068000	523800				4312.9900	2981.2557	2920.0000	1501.0000				41505	5250		2320
KW. H.	4400	24100	—			88,500	— —	218.1912	22.189	— —				20	6		5.7

GENERAL DATA

LOAD DATA

Peak Load	KW.	3950
Load Factor	%	73
Average load	KW.	2885
Continuous load available	"	2600

PRECIPITATION

	Inches
Rainfall	
Snowfall	"
Total equivalent rainfall	"

No. hrs. Wheels operated	#1 Wheel	#2 Wheel	#3 Wheel	Wheel	Wheel
	24	24	6		

STREAM DISCHARGE — A. M. P. M.

Gage Reading			Max.	D. S. F.
C. F. S.			Min. "	
			Av. "	

No. hrs. Station not operated account low water: None

WHEEL DISCHARGE — A. M. P. M.

Gage Reading			Max.	D. S. F.
C. F. S.			Min. "	
			Av. "	

Average head in feet on all Waterwheels: 330.5

AIR TEMPERATURE; HUMIDITY

Max. Temp.	Deg. F.
Min. "	"
Av. "	"
Humidity	%
Weather:	Clear

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

9 00 AM Light surge cleared. 9 14 E. line had shift at 9 18 Kaiser Extreme, had shift at 9 29 Had 8 + 6 at H.T. 9 30 Heavy surge cleared up, E. motor equalized, 9 33 separated E. & F. H.T. 9 37 Charged E. line O.K. 9 42 Had E. + F. at H.T. 7 00 Heavy surge with overload, E. line shift 7 12 Shift E. line, E. + F. lines Hot. 7 15½ Sep. north E. line 7 19 Separated lines. 7 Syn. F. + E. lines, had shift at 7 23 E. line dead, opened E. line sw. 7 30 P Charged E. line with E. line. 7 32 Syn. E. line + E. line with system 7 36 Picked up normal load

SHIFT	4 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.	M. to M.
1st Operator	Fred G. Farbo	G. B. Woodward		
2nd "	Albert Buck	E. Smoot		
3rd "				
4th "				

O. N. Bennett
Station Superintendent