O-Form 3107-20M-3-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Olmst ..... Station for APR 9 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	420	1800	322	11	333	480	2050	322	8	330	50	100	322	3	325											950	3950	120		M'd't
1	420	1800	322	11	333	480	2050	322	8	330	50	100	322	3	325											950	3950	120		1
2	420	1800	322	12	334	480	2050	322	8	330	50	100	322	3	325											950	3950	120		2
3	430	1800	322	12	334	490	2100	322	8	330	50	100	322	3	325											970	4000	120		3
4	430	1800	322	12	334	490	2050	322	8	330	50	100	322	3	325											970	3950	120		4
5	430	1800	322	12	334	490	2050	322	8	330	50	100	322	3	325											960	3950	120		5
6	410	1800	322	12	334	500	2050	322	7	329	50	100	322	3	325											990	3950	120		6
7	420	1800	322	12	334	480	2000	322	7	329	50	100	322	3	325											950	3900	120		7
8	440	1800	322	12	334	480	2000	322	7	329	50	100	322	3	325											970	3900	119		8
9	430	1800	322	12	334	480	2000	322	8	330	50	100	322	3	325											960	3900	119		9
10	420	1800	322	12	334	480	2000	322	8	330	50	100	322	3	325											950	3900	119		10
11	420	1800	322	12	334	480	2000	322	8	330	50	100	322	3	325											950	3900	119		11
Noon	430	1800	322	12	334	490	2000	322	8	330	50	100	322	3	325											970	3900	119		Noon
1	460	1850	322	10	332	480	2000	322	8	330	50	100	322	4	326											990	4050	118		1
2	440	1850	322	10	332	480	2000	322	8	330	50	100	322	4	326											970	3950	119		2
3	440	1850	322	11	333	490	2050	322	8	330	50	100	322	4	326											980	4000	118		3
4	430	1850	322	11	333	480	2000	322	8	330	50	100	322	4	326											960	3950	118		4
5	440	1850	322	11	333	480	2000	322	8	330	50	100	322	4	326											970	3950	118		5
6	440	1900	322	11	333	490	2000	322	8	330	50	100	322	4	326											980	4000	118		6
7	440	1850	322	11	333	490	2000	322	8	330	50	100	322	4	326											980	3950	118		7
8	440	1850	322	11	333	480	2000	322	8	330	50	100	322	4	326											970	3950	118		8
9	440	1900	322	11	333	480	2000	322	8	330	50	100	322	4	326											970	4000	118		9
10	440	1850	322	11	333	490	2000	322	8	330	50	100	322	4	326											980	3950	118		10
11	440	1850	322	11	333	490	2000	322	8	330	50	50	322	4	326											980	3900	118		11
M'd't	440	1800	322	11	333	490	2000	322	8	330	50	100	322	4	326											980	3950	118		M'd't
			Total		8001			Total		7917			Total		7812			Total					Total			Peak	4050	Average		
			Average		333.4			Average		329.9			Average		325.5			Average					Average							

INTEGRATING METER READINGS

Circuit	Generators #1 Gen.	#2 Gen.	#3 Gen.	Gen.	Gen.	Total as shown by Gen. Meters	Totalizing Meter #1	Totalizing Meter #2	To Transmission System Circuit	#1 Circuit	#2 Circuit	#3 Circuit	Total as shown by Circuit Meters	Totalizing Meter	To Local Distributing Sub Station #4 Circuit	#4 Circuit	Total	Station Use
Midnight Today	792500	335700	701500				9196.5217			8102.4262	7360.7990	8434.6168			5135	3186		5333
Midnight Yesterday	748600	286800	699200				9185.5205			7886.4053	7335.7733	8384.5445			5119	3181		4781
KW.H	43900	48900	2300			95100	11	12		216	209 225	257	50	-27	16	5		552

GENERAL DATA

LOAD DATA			PRECIPITATION		
Peak load	KW.	4050	Rainfall	Inches	
Load Factor	%	.98	Snowfall	"	
Average load	KW.	3963	Total equivalent Rainfall	"	
Continuous load available	"	3900			

STREAM DISCHARGE	A.M.	P.M.			WHEEL DISCHARGE	A.M.	P.M.			AIR TEMPERATURE; HUMIDITY	
Gage Reading			Max.	D.S.F.	Gage Reading			Max.	D.S.F.	Max. Temp.	Deg. F.
C. F. S.			Min.	"	C. F. S.			Min.	"	Min. "	"
			Av.	"				Av.	"	Av. "	"
										Humidity	%

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

No. hrs. Station not operated account low water:

Average head in feet on all Waterwheels: 329.6

Weather: Clear

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

SHIFT	4:00 P.M. to 10:00 P.M.	12:00 P.M. to 8:00 P.M.	8:00 P.M. to 4:00 A.M.
1st Operator	Conder	Hillbrand	J. W. Collins
2nd "	Christiansen	E. R. Stomberg	J. Bluff
3rd "			
4th "			

Meas water at
Nauvoo - 236 S.F
Eff - 60%.

H. Stomberg
Station Superintendent