O-Form 3107-30M-6-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Olmst Station for FEB 16 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	470	1950	322	13	335	500	2050	322	8	330	50	150	322	4	326											1020	4150	119		M'd't
1	470	2000	322	13	335	500	2050	322	8	330	50	100	322	4	326											1030	4150	119		1
2	470	2000	322	13	335	510	2050	322	9	331	50	150	322	4	326											1040	4200	119		2
3	470	1950	322	11	333	510	2050	322	9	331	50	100	322	4	326											1040	4100	119		3
4	470	1950	322	12	334	500	2050	322	9	331	50	150	322	4	326											1020	4150	119		4
5	470	1950	322	12	334	500	2050	322	9	331	50	150	322	4	326											1020	4150	119		5
6	450	1900	322	12	334	500	2050	322	9	331	50	150	322	4	326											1000	4100	119		6
7	450	1900	322	12	334	500	2050	322	9	331	50	150	322	4	326											990	4100	119		7
8	450	1950	322	12	334	490	2050	322	9	331	50	150	322	4	326											990	4100	119		8
9	450	1950	322	12	334	490	2050	322	9	331	50	150	322	4	326											990	4100	119		9
10	450	1950	322	12	334	490	2050	322	9	331	50	150	322	4	326											990	4100	119		10
11	450	1950	322	12	334	490	2050	322	9	331	50	150	322	4	326											990	4100	119		11
Noon	460	1950	322	12	334	490	2050	322	9	331	50	100	322	4	326											990	4100	119		Noon
1	460	2000	322	12	334	490	2050	322	9	331	50	100	322	4	326											1000	4150	118		1
2	460	1950	322	12	334	490	2050	322	9	331	50	150	322	4	326											900	3950	117		2
3	400	1700	322	15	337	500	2050	322	9	331	50	150	322	4	326											950	4000	118		3
4	440	1900	322	13	335	500	2050	322	9	331	50	100	322	4	326											990	4050	118		4
5	450	1900	322	13	335	500	2050	322	9	331	50	150	322	4	326											1000	4100	118		5
6	440	1900	322	13	335	490	2050	322	9	331	50	150	322	4	326											980	4100	119		6
7	440	1900	322	13	335	490	2050	322	9	331	50	100	322	4	326											980	4050	119		7
8	430	1850	322	13	335	490	2050	322	9	331	50	100	322	4	326											970	4000	119		8
9	430	1850	322	13	335	490	2050	322	9	331	50	150	322	4	326											970	4050	119		9
10	450	1900	322	13	335	490	2050	322	9	331	50	100	322	4	326											990	4050	119		10
11	460	1900	322	13	335	500	2050	322	9	331	50	150	322	4	326											1000	4100	119		11
M'd't	450	1900	322	13	335	500	2050	322	9	331	50	150	322	4	326											1000	4100	119		M'd't
			Total		8029			Total		7943			Total		7824			Total					Total			Peak	4200	Average		
			Average		334.5			Average		331			Average		326			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 #1 Circuit	#2 Circuit	#3 Circuit	Circuit	Total as shown by Circuit Meters	Totalizing Meter	To Local Distributing Sub Station #4 Circuit	#4 Circuit	Total	Station Use
Midnight	608600	885000	398700				8607:4628		7203:3340	6109:4493	5848:6550				4252	1856		6040
Today																		
Midnight	563700	834900	395500				8585:4616		6984:3134	5869:4231	5806:6573				4234	1847		5141
Yesterday																		
KW.H.	44900	50100	3200			98200	13	12	219	206	240	262	42	-23	18	8		904

GENERAL DATA

LOAD DATA

Peak load	KW.	4200
Load Factor	%	.98
Average load	KW.	4091.7
Continuous load available	"	3900

PRECIPITATION

Rainfall	Inches
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	%

	#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: 330.5

Weather: Stormy

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

1:25 P.M. Dropped W. Line. 1:26 Grd. on W. Line
4:32 P Ground off W. Line. 4:41 Charged W. Line O.K.

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.
1st Operator	Conder	T. H. Woodworth	T. W. Rollins
2nd "	Christiansen	E. R. Hamblin	J. Duff
3rd "			
4th "			

H. Hamblin
Station Superintendent