O-Form 3107-20M-8-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Olmst Station for NOV 9 1914 . 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	490	2100	322	11	333	490	2000	322	9	331	Shut down															960	4100	120		M'd't
1	500	2100	322	11	333	500	2050	322	9	331																1000	4150	119		1
2	500	2100	322	11	333	500	2050	322	9	331																1000	4150	119		2
3	500	2100	322	11	333	500	2050	322	9	331																1000	4150	119		3
4	500	2100	322	11	333	500	2050	322	9	331																1000	4150	120		4
5	500	2100	322	11	333	490	2050	322	9	331																990	4150	119		5
6	500	2100	322	11	333	490	2050	322	9	331																990	4150	119		6
7	480	2100	322	11	333	480	2050	322	9	331																960	4150	119		7
8	480	2050	322	11	333	480	2050	322	9	331																960	4100	118		8
9	500	2100	322	11	333	500	2050	322	9	331																1000	4150	118		9
10	490	2100	322	11	333	490	2050	322	9	331																980	4150	118		10
11	490	2100	322	11	333	490	2050	322	9	331																980	4150	118		11
Noon	490	2100	322	11	333	510	2050	322	9	331																1030	4150	118		Noon
1	480	2100	322	11	333	490	2050	322	9	331	"	"														970	4150	118		1
2	490	2100	322	11	333	490	2050	322	9	331																980	4150	119		2
3	490	2100	322	11	333	490	2000	322	9	331																970	4100	117		3
4	500	2100	322	11	333	500	2050	322	9	331																1000	4150	117		4
5	490	2050	322	11	333	500	2050	322	9	331																990	4050	118		5
6	490	2100	322	11	333	490	2050	322	9	331																980	4150	118		6
7	500	2100	322	11	333	500	2050	322	9	331																1000	4150	118		7
8	480	2100	322	11	333	480	2050	322	9	331																960	4150	120		8
9	480	2100	322	11	333	490	2050	322	9	331																960	4150	120		9
10	480	2100	322	11	333	480	2050	322	9	331																960	4150	120		10
11	480	2100	322	11	333	490	2000	322	9	331																960	4100	120		11
M'd't	480	2100	322	11	333	480	2050	322	9	331																960	4150	120		M'd't
			Total		7992			Total		7944			Total					Total						Total			Peak 4150		Average	
			Average		333.0			Average		331.0			Average					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 Today	433650	501300	376600				7638364	8716	7803817	4583353	2513				2443	1024		7182
Midnight Yesterday	384100	452500	376600				7638364	8486	7628603	4767273	2467				2425	1016		6616
KW.H.	49550	49400	—			98950	—	—	230	175	214	216	20	46	18	8	26	516

GENERAL DATA

LOAD DATA			PRECIPITATION		
Peak load	KW.	4150	Rainfall	Inches	
Load Factor	%	.99	Snowfall	"	
Average load	KW.	4122	Total equivalent Rainfall	"	
Continuous load available	"	4200			

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	—		

No. hrs. Station not operated account low water:

Average head in feet on all Waterwheels: 332.0

Weather: Fair.

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

(Nil.)

SHIFT	4:00 A.M. to 1:00 P.M.	1:00 P.M. to 8:00 P.M.	8:00 P.M. to 4:00 A.M.
1st Operator	T M Pilkington	Olander	Z O Woodward
2nd "	Christiansen	J. Huff	E P Hornbaker
3rd "			
4th "			

H. Howell
Station Superintendent