O-Form 3307-30 M-3-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Olmstead Station for OCT 19 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	480	2050	322	11	333	470	2050	322	10	332	Off line															970	4100	120		M'd't
1	480	2050	322	12	334	490	2050	322	10	332																970	4100	120		1
2	480	2050	322	11	333	490	2050	322	10	332																970	4100	120		2
3	480	2050	322	11	333	480	2050	322	10	332																960	4100	120		3
4	480	2050	322	11	333	480	2050	322	10	332																960	4100	120		4
5	470	2050	322	11	333	480	2000	322	10	332																960	4050	120		5
6	470	2050	322	11	333	480	2050	322	10	332																970	4100	120		6
7	470	2050	322	11	333	480	2050	322	10	332																970	4100	120		7
8	480	2050	322	11	333	500	2050	322	10	332																980	4100	120		8
9	480	2050	322	11	333	490	2050	322	10	332																970	4100	119		9
10	480	2050	322	11	333	490	2050	322	10	332																970	4100	119		10
11	470	2050	322	11	333	470	2050	322	10	332																970	4100	119		11
Noon	470	2050	322	11	333	500	2050	322	10	332																970	4100	119		Noon
1	480	2050	322	11	333	490	2050	322	10	332	"	"														960	4100	119		1
2	480	2050	322	11	333	480	2050	322	10	332																960	4100	118		2
3	490	2050	322	11	333	500	2050	322	9	331																970	4100	118		3
4	470	2050	322	11	333	500	2060	322	10	332																980	4100	118		4
5	490	2060	322	11	333	500	2050	322	10	332																970	4100	119		5
6	480	2050	322	11	333	480	2000	322	10	332																960	4050	120		6
7	480	2050	322	11	333	500	2050	322	9	331																980	4100	119		7
8	480	2050	322	11	333	480	2000	322	9	331																960	4050	120		8
9	480	2050	322	11	333	490	2050	322	10	332																970	4100	120		9
10	480	2050	322	11	333	480	2050	322	10	332																960	4100	120		10
11	480	2050	322	11	333	490	2050	322	9	331																970	4100	120		11
M'd't	480	2050	322	11	333	490	2050	322	9	331																970	4100	120		M'd't
			Total		7993			Total		7973			Total					Total						Total			Peak		Average	
			Average		333			Average		331			Average					Average						Average						

INTEGRATING METER READINGS

	Generators #1 Gen.	#2 Gen.	#3 Gen.	— Gen.	— Gen.	Total as shown by Gen. Meters	To Transmission System Totalizing Meter #2	#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
Circuit																	
Midnight Today	402200	405900	316600			1255700	7138-3114	3988-1075	1216-5[illegible]	[illegible]-1118				1050	869		7[illegible]
Midnight Yesterday	353200	405300	316600			1155000	7058-3664	3796-3918	1141-235	1644-1418				2081	862		7191
KW.H.	49000	49900	000			98900		217-182	205-219	81-50				17	7		436

GENERAL DATA

LOAD DATA			PRECIPITATION		
Peak load	KW.	4200	Rainfall	Inches	
Load Factor	%	99	Snowfall	"	
Average load	KW.	4112.12	Total equivalent Rainfall	"	
Continuous load available	"	4112.12			

STREAM DISCHARGE — A.M. — P.M.: Gage Reading; C. F. S.; Max. D.S.F.; Min. "; Av. "

WHEEL DISCHARGE — A.M. — P.M.: Gage Reading; C. F. S.; Max. D.S.F.; 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

Weather: Clear

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

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	W. M. Mason	J. M. Collins	[illegible]
2nd "	E. R. Hornbeck	J. Sheff	M. S. Christensen
3rd "			
4th "			

H. Jones
Station Superintendent

O-Form 3107-20M-3-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Olmst Station for OCT 22 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	500	2100	322	11	333	490	2050	322	9	331	Off line															970	4150	120		M'd't
1	490	2100	322	11	333	490	2050	322	9	331																980	4150	120		1
2	490	2050	322	11	333	490	2050	322	9	331																980	4100	119		2
3	490	2050	322	11	333	490	2050	322	9	331																980	4100	119		3
4	490	2050	322	11	333	490	2050	322	9	331																990	4100	119		4
5	490	2050	322	11	333	500	2050	322	9	331																990	4100	119		5
6	500	2050	322	11	333	500	2050	322	9	331																1000	4100	119		6
7	500	2050	322	11	333	500	2050	322	9	331																1000	4100	119		7
8	480	2050	322	11	333	500	2050	322	9	331																980	4100	119		8
9	480	2050	322	11	333	500	2050	322	9	331																980	4100	119		9
10	480	2050	322	11	333	490	2050	322	9	331																970	4100	119		10
11	480	2050	322	11	333	490	2050	322	9	331																970	4100	119		11
Noon	480	2050	322	11	333	500	2050	322	9	331																970	4100	119		Noon
1	480	2050	322	11	333	490	2050	322	9	331																970	4100	119		1
2	480	2050	322	11	333	490	2050	322	9	331																970	4100	119		2
3	480	2050	322	11	333	490	2050	322	9	331																970	4100	118		3
4	480	2050	322	11	333	490	2050	322	9	331																970	4100	118		4
5	480	2050	322	11	333	490	2000	322	9	331																970	4050	117		5
6	480	2050	322	11	333	490	2050	322	9	331																970	4100	119		6
7	490	2050	322	11	333	490	2050	322	9	331																980	4100	119		7
8	490	2050	322	11	333	490	2050	322	9	331																970	4100	119		8
9	490	2050	322	11	333	490	2050	322	9	331																970	4100	119		9
10	490	2050	322	11	333	490	2050	322	9	331																970	4100	119		10
11	490	2050	322	11	333	500	2050	322	9	331																970	4100	119		11
M'd't	490	2050	322	11	333	490	2050	322	9	331																980	4100	119		M'd't
			Total		7992			Total		7944			Total					Total					Total				Peak		Average		
			Average		333			Average		331			Average					Average					Average							

INTEGRATING METER READINGS

Circuit	#1 Gen.	#2 Gen.	Gen.	Gen.	Gen.	Total as shown by Gen. Meters	Totalizing Meter	#1 Circuit	Circuit	Circuit	Circuit	Total as shown by Circuit Meters	Totalizing Meter	#1 Circuit	#1 Circuit	Total	Station Use
Midnight Today	549300	603500	376600			1529400	1438-1664	4397-4409	4444-4444	6884-1865				2,069	871		8739
Midnight Yesterday	500300	553850	376600			1430900	1430-1664	4430-4446	4377-4441	6792-1877				2082	864		8471
KW.H.	49000	49650	00			98600	00	00	321-161	222-200	86-50			17	7		457

GENERAL DATA

LOAD DATA			PRECIPITATION		
Peak load	KW.	4150	Rainfall	Inches	
Load Factor	%	99	Snowfall	"	
Average load	KW.	4110.	Total equivalent Rainfall	"	
Continuous load available	"	4110			

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

AIR TEMPERATURE; HUMIDITY	
Max. Temp.	Deg. F.
Min. "	"
Av. "	"
Humidity	%

No. hrs. Wheels operated: #1 Wheel 24; #2 Wheel 24; #3 Wheel ____; ____ Wheel ____

No. hrs. Station not operated account low water:

Average head in feet on all Waterwheels: 332

Weather: Clear

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

SHIFT	4:45 A.M. to 2:45 P.M.	10:45 A.M. to 8:45 P.M.	8:45 P.M. to 4:45 A.M.
1st Operator	Wm. M. Mason	O. M. Robbins	C. Crosby
2nd "	E. R. Hombake	J. Huff	M. S. Christensen
3rd "			
4th "			

H. Howe

Station Superintendent