O-Form 3407-30M-3-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Olmst Statio Station for MAY 5 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
M'd	470	1900	322	12	334	520	2100	322	9	331	50	100	322	2	324
1	470	1900	322	12	334	530	2100	322	9	331	50	100	322	2	324
2	470	1900	322	12	334	530	2100	322	9	331	50	100	322	2	324
3	510	2000	322	12	334	520	2100	322	10	332	50	100	322	2	324
4	470	1950	322	11	333	500	2050	322	9	331	50	100	322	2	324
5	410	1800	322	12	334	490	2050	322	9	331	50	100	322	2	324
6	410	1800	322	12	334	490	2050	322	9	331	50	100	322	2	324
7	410	1800	322	13	335	490	2050	322	9	331	50	100	322	2	324
8	410	1800	322	13	335	490	2050	322	9	331	50	100	322	3	325
9	470	1950	322	12	334	500	2050	322	9	331	Off	Line			
10	480	1950	322	12	334	500	2050	322	9	331	"	"			
11	500	2000	322	12	334	510	1900	322	9	331	"	"			
Noon	500	2100	322	12	334	500	2050	322	8	330					
1	410	1700	322	13	335	500	2050	322	8	330	50	50	322	3	325
2	410	1750	322	13	335	500	2050	322	8	330	100	50	322	3	325
3	350	1500	322	12	334	500	2050	322	8	330	100	100	322	3	325
4	370	1600	322	12	334	500	2050	322	8	330	100	100	322	3	325
5	380	1600	322	12	334	510	2100	322	8	330	100	100	322	3	325
6	380	1600	322	11	333	510	2100	322	8	330	100	50	322	3	325
7	380	1550	322	11	333	490	2050	322	8	330	100	100	322	3	325
8	370	1600	322	11	333	490	2000	322	8	330	100	100	322	3	325
9	410	1750	322	12	334	490	2000	322	8	330	100	100	322	3	325
10	380	1600	322	12	334	510	2050	322	8	330	100	100	322	3	325
11	380	1600	322	12	334	520	2050	322	8	330	100	100	322	3	325
M'd't	370	1550	322	13	335	520	2050	322	8	330	100	100	322	3	325
		Total			8340		Total			8263		Total			6517
		Average			335.6		Average			330.5		Average			324.6

TIME	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											1040	4100	118		M'd't
1											1050	4100	118		1
2											1050	4100	118		2
3											1100	4200	118		3
4											1020	4100	119		4
5											950	3950	120		5
6											950	3950	120		6
7											950	3950	119		7
8											950	3950	119		8
9											970	4000	118		9
10											980	4000	118		10
11											1010	3900	118		11
Noon											1000	4150	118		Noon
1											960	3800	118		1
2											1010	3850	118		2
3											950	3650	118		3
4											970	3750	118		4
5											970	3800	118		5
6											990	3750	118		6
7											970	3800	118		7
8											960	3700	118		8
9											1000	3850	118		9
10											1000	3750	118		10
11											1000	3750	118		11
M'd't											990	3700	118		M'd't
		Total					Total				Peak	4200	Average		
		Average					Average								

INTEGRATING METER READINGS

Circuit	Generators #1 Gen.	#2 Gen.	#3 Gen.	Gen.	Gen.	Total as shown by Gen. Meters	#1 Totalizing Meter	#2	Circuit	To Transmission System #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	150300	740500	791500				9552	5556		4571 744	3952 5769	9717 4478			5608	2345		793
Midnight Yesterday	108600	690300	789700				9542	5547		4356 518	3757 5682	9682 4502			5531	2339		162
KW.H.	41700	50200	1800			93700	10	9		215 226	195 268	35 -24			17	6		631

GENERAL DATA

LOAD DATA

Peak load	KW.	4200
Load Factor	%	93
Average load	KW.	3904
Continuous load available	"	3650

PRECIPITATION

	Inches
Rainfall	
Snowfall	"
Total equivalent Rainfall	"

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

	Deg. F.
Max. Temp.	
Min. "	"
Av. "	"
Humidity	%

Weather: Clear

	#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

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

8:13A West Gen. off system 12:20 PM West gen on system.

SHIFT	11:45 P.M. to 7:45 A.M.	7:45 A.M. to 3:45 P.M.	3:45 P.M. to 11:45 P.M.
1st Operator	Hoyoung	Chrysler	E. P. Hornbaker
2nd	Jesse Shiff	E. G. List	M. Woodward
3rd			
4th			

H. Chrysler
Station Superintendent