O-Form 2107-30M-3-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Olmst Station Station for May 1, 1945, 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	430	1900	322	7	329	50	100	322	2	324	450	1700	322	9	331											930	3700	122		M'd't
1	420	1950	322	7	329	350	50	322	2	324	460	1700	322	9	331											1230	3600	122		1
2	410	1800	322	7	329	350	50	322	2	324	450	1700	322	9	331											1210	3550	122		2
3	460	2000	322	7	329	50	150	322	2	324	440	1650	322	10	332											950	3800	122		3
4	450	2000	322	7	329	50	50	322	2	324	480	1800	322	10	332											980	3850	122		4
5	470	2050	322	10	332	50	200	322	2	324	450	1700	322	10	332											970	3950	122		5
6	460	2100	322	8	330	50	250	322	2	324	490	1800	322	10	332											1000	4150	122		6
7	470	2050	322	8	330	300	400	322	2	324	530	2000	322	9	331											1300	4450	122		7
8	470	2000	322	9	331	570	—	322	1	323	530	1950	322	10	332											1570	3950	122		8
9	470	2050	322	7	329	570	350	322	1	323	500	1850	322	9	331											1240	4250	122		9
10	460	2000	322	7	329	350	450	322	1	323	300	1800	322	10	332											1130	4250	122		10
11	460	2050	322	7	329	560	—	322	1	323	490	1800	322	9	331											1510	3850	122		11
Noon	450	2000	322	7	329	350	—	322	1	323	560	2000	322	9	331											1360	4200	122		Noon
1	460	2000	322	8	330	460	50	322	1	323	490	1800	322	9	331											1410	3850	122		1
2	460	2000	322	8	330	400	50	322	1	323	470	1700	322	10	332											1330	3700	122		2
3	450	2050	322	7	329	400	—	322	1	323	500	1800	322	9	331											1350	3850	122		3
4	460	2100	322	8	330	410	—	322	1	323	500	1800	322	10	332											1270	3900	122		4
5	450	2000	322	8	330	320	110	322	1	323	490	1800	322	10	332											1260	3900	122		5
6	0	0	322	8	330	350	100	322	1	323	460	1750	322	11	333											860	2750	122		6
7	430	1900	322	8	330	100	100	322	3	325	440	1600	322	12	334											970	4050	122		7
8	430	1950	322	8	330	100	100	322	2	324	480	1700	322	10	332											1010	3750	122		8
9	430	1900	322	8	330	250	200	322	2	324	480	1750	322	10	332											1060	3950	122		9
10	440	1900	322	8	330	260	350	322	2	324	470	1650	322	10	332											1070	3700	122		10
11	450	1950	322	8	330	150	300	322	2	324	440	1850	322	9	331											1180	4100	122		11
M'd't	440	1950	322	8	330	250	50	322	2	324	480	1900	322	9	331											1170	3800	122		M'd't
			Total		4905			Total		3896			Total		7953			Total					Total			Peak	4450	Average		
			Average		327.3			Average		324.4			Average		331.3			Average					Average							

INTEGRATING METER READINGS

Circuit	#1 Gen.	#2 Gen.	#3 Gen.	Gen.	Gen.	Total as shown by Gen. Meters	Totalizing Meter 1	Totalizing Meter 2	Circuit	Circuit	Circuit	Circuit	Total as shown by Circuit Meters	Totalizing Meter	#4 Circuit	#4 Circuit	Total	Station Use
	Generators								To Transmission System						To Local Distributing Sub Station			
Midnight Today	325800	22400	18700	—	—	45700	5778	2082	—	—	—	—	—	—	9365	185	—	3122
Midnight Yesterday	280200	20150	29800			49980	5763	2073							9348	184	—	2721
KW. H.	45700	2350	49900			97950	15	9							17	4		401

GENERAL DATA

LOAD DATA

Peak load	KW.	4450
Load Factor	%	61
Average load	KW.	4081
Continuous load available	"	4200

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: 328.3

Weather: Fair

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

7:50 a.m. Red. E.&C. off H.T.
7:55 " Dropped E. line 7:57 End. E. line 8:15 Clsd. H. & T. Wing Sw. Opd. E. 8:16 Opd. E. Trans. + Tap Lines, and E. Trans.
8:48 " Clsd. E. Trans. on dry Tap E. line 8:48½ Clsd. E. & H. T. Wing Sw. 8:50 Opd. E. line (ok) 9:12 End. all H. T. Wing Sw. 9:12½ P.M. Heavy surge on system. 9:12½ Light surge on system. 9:34 Heavy surge on system.
9:55 Clsd. E. Wing Sw. 9:55 Opd. H. T. Wing Sw. 9:55 Trans. E. & E. line. 9:55 Just over 6 amperes. 6:12 Red. E. & H. T. Wing Sw. 6:15 Clsd. H. T. & E. line (ok) 6:14 Dropped E. line. 6:23 Tested E. line. (bad) 6:28 Tested E. line (ok) 6:29 Clsd. E. & H. T. Wing Sw. 6:32 Red. E. & H. T.
Trans. W. Ed. Sta. E. & C. Sen. 6:33 Clsd. line Cut, then 6:35 Separated W. & C. at H. T.

SHIFT	8:45 P.M. to 4:45 A.M.	4:45 A.M. to 12:45 P.M.	12:45 P.M. to 8:45 P.M.
1st Operator	Wm. M. Mace	T. A. Gibbins	Conder
2nd "	Geo. M. Clarke	H. Woodward	Jensen
3rd "	Wm. Christiansen		

H. H. Gordon
Station Superintendent