O-Form 3407-30M-3-14

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Station for _____, 191____.

GENERATION

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	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	420	1850	322	9	331	50	100	322	2	324	470	1750	322	11	333											940	3700	119		M'd't
1	420	1900	322	9	331	50	100	322	2	324	470	1650	322	10	332											940	3600	119		1
2	420	1800	322	9	331	50	100	322	2	324	450	1700	322	10	332											940	3600	119		2
3	420	1850	322	9	331	50	100	322	2	324	470	1800	322	10	332											940	3750	119		3
4	420	1750	322	9	331	50	100	322	2	324	480	1850	322	10	332											940	3700	119		4
5	430	1800	322	9	331	50	100	322	2	324	470	1700	322	12	334											940	3600	119		5
6	440	1750	322	10	332	50	100	322	2	324	470	1700	322	11	333											940	3750	119		6
7	450	1900	322	9	331	50	100	322	2	324	470	1700	322	11	333											970	3750	119		7
8	460	1900	322	9	331	50	150	322	2	324	480	1650	322	12	334											990	3700	119		8
9	450	1900	322	10	332	50	100	322	2	324	470	1600	322	11	333											970	3600	119		9
10	460	2000	322	9	331	50	100	322	2	324	470	1650	322	11	333											980	3750	119		10
11	460	2000	322	10	332	50	100	322	2	324	480	1650	322	12	334											970	3750	118		11
Noon	460	2000	322	9	331	50	100	322	2	324	480	1650	322	12	334											990	3750	118		Noon
1	450	1960	322	9	331	50	100	322	2	324	480	1600	322	11	333											980	3650	118		1
2	500	2000	322	9	331	480	1800	322	2	324	Off line			0	0											980	3800	118		2
3	490	2050	322	9	331	460	2000	322	2	324	"	"	"	"	"											950	3850	118		3
4	500	2000	322	9	331	460	1900	322	2	324	"	"	"	"	"											960	3900	118		4
5	440	1900	322	9	331	50	100	322	2	324	480	1650	322	11	333											970	3850	118		5
6	400	1750	322	12	334	50	100	322	3	325	480	1700	322	11	333											930	3550	118		6
7	400	1750	322	11	333	50	100	322	2	324	480	1700	322	11	333											930	3550	118		7
8	400	1700	322	11	333	50	100	322	2	324	470	1650	322	11	333											920	3450	118		8
9	360	1650	322	11	333	50	100	322	2	324	470	1750	322	11	333											880	3500	118		9
10	420	1850	322	12	334	50	100	322	2	324	470	1750	322	11	333											940	3700	118		10
11	420	1900	322	12	334	50	100	322	2	324	470	1700	322	11	333											940	3600	118		11
M'd't	370	1600	322	11	333	50	100	322	2	324	440	1500	322	11	333											900	3300	118		M'd't
			Total		7964			Total		7776			Total		7993			Total					Total							
			Average		331.8			Average		324.0			Average		333.0			Average					Average			Peak	3900	Average		

INTEGRATING METER READINGS

Circuit	Generators #1 Gen.	#2 Gen.	#3 Gen.	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	996200	229200	895200	—	—		44100	6819	2877	8262	7113	9619	3730	1524572	—				
Midnight Yesterday	952100	220700	857100				47100	1908	2868	2078	2911	4904	3429	1492604					
KW.Hr.	44100	8500	47100				93700	11	9	189	202	215	311	31-32		17	2		355

GENERAL DATA

LOAD DATA

Peak load	KW.	3900
Load Factor	%	100
Average load	KW.	3904
Continuous load available	"	4000

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	%	—

Weather: Fair.

	#1 Wheel	#2 Wheel	#3 Wheel	Wheel	Wheel
No. hrs. Wheels operated	24	24	22'12"	—	—

No. hrs. Station not operated account low water: —

Average head in feet on all Waterwheels: 329.9

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

4:06 A.M. Cut out C. Tank of Trans. 9:42 P.M. Tank of transformers in service. 1:50 P.M. Dropped #1 Gen. (shut down for repairs) 4:28 P.M. Syn. #1 Gen. with system. 9:09 P.M. Light surge on system. 11:25 P.M. Heavy flash on B. & C. Arresters. All lines unbalanced. 11:26 P.M. Heavy surge on B. & C. lines. Cleared th. 11:44 P.M. Light surge on B. & C. arresters.

SHIFT	7:45 A.M. to 4:45 P.M.	4:45 P.M. to 12:45 A.M.	12:45 A.M. to 8:45 A.M.	12:45 P.M. to 8:45 P.M.
1st Operator	Wm. M. Mason	J. B. Woodward	W. R. Rolling	
2nd "	A. L. McCloskey	Christiansen	Jesse Huff	
3rd "				
4th "				

H. H. Gow

Station Superintendent