n 3407-30M-3-15

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Station for APR 3 1916, 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't	Shut d														
1						530	2350	322	8	330	550	2400	322	8	330
2						540	2350	322	8	330	550	2400	322	8	330
3						550	2350	322	8	330	550	2400	322	8	330
4						570	2400	322	8	330	570	2400	322	8	330
5						580	2400	322	8	330	580	2400	322	8	330
6															
7															
8															
9															
10															
11											540	2300			
Noon			322	5	327	5	4	322	8	330	540	2300			
1						490	2100	322	8	330					
2						510	2300	322	8	330	530	2300	322	8	330
3						520	2350	322	8	330	520				
4						510	2300	322	8	330	520	2300	322	8	330
5						520	2300	322	8	330	510	2300	322	8	330
6						530	2350	322	8	330	510		322	8	330
7						530	2400	322	8	330	510	2350	322	8	330
8						530	2400	322	8	330	520	2350	322	8	330
9						480	2150	322	8	330	520	2350	322	8	330
10			322			480	2150	322	8	330	530	2400	322	8	330
11			322			480	2150	322	8	330	530	2400	322	8	330
M'd't			322					322	8	330			322	8	330
Total										7110					7110
Average										330					330

TIME	#1 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															M'd't
1															1
2															2
3															3
4															4
5															5
6															6
7															7
8															8
9															9
10															10
11															11
Noon															Noon
1															1
2															2
3															3
4															4
5															5
6															6
7															7
8															8
9															9
10															10
11															11
M'd't															M'd't
Total															
Average											Peak		Average		

INTEGRATING METER READINGS

Circuit	#1 Gen.	#2 Gen.	#3 Gen.	Gen.	Gen.	Total as Shown by Gen. Meters	#1 Totalizing Meter	#2 Totalizing Meter
Midnight Today	39 12	2150	12				339:9066	
Midnight Yesterday	37 10	2100	12				322:9063	
KW. H.	2000	5450	5300			11250	17:13	

Circuit	#1 Circuit	#2 Circuit	#3 Circuit	Total as Shown by Circuit Meters	Totalizing Meter	Circuit	Circuit	Total	Station Use
To Transmission System						To Local Distributing Sub Station			
	287:1011	4203	1364:1337			339	4922		165
	1012	4411	1364:1343			318	4190		27
	299:292	8615	2727			11			241

GENERAL DATA

LOAD DATA

Peak Load	KW.	5520
Load Factor	%	43
Average load	KW.	4575
Continuous load available	"	4200

PRECIPITATION

	Inches
Rainfall	"
Snowfall	"
Total equivalent rainfall	"

No. hrs. Wheels operated	#1 Wheel	#2 Wheel	#3 Wheel	Wheel	Wheel
	142	24	24		

STREAM DISCHARGE

A. M. P. M.

Gage Reading			Max.	B. S. F.
C. F. S.			Min.	"
			Av.	"

No. hrs. Station not operated account low water:

WHEEL DISCHARGE

A. M. P. M.

Gage Reading			Max.	B. S. F.
C. F. S.			Min.	"
			Av.	"

Average head in feet on all Waterwheels:

AIR TEMPERATURE; HUMIDITY

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

Weather: Fa

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

SHIFT	4:45 A.M. to 12:45 P.M.	12:45 M. to 8 M.	8 M. to 4:45 M.
1st Operator	J B Woodward	J. M. Jones	E Conder
2nd "	Fred H Farber	Willits	Henderson
3rd "			
4th "			

C E Bennett
Station Superintendent