O-Form 3407-30M-3-15

UTAH POWER & LIGHT COMPANY

DAILY STATION LOG

Vernal Station Station for JAN 2 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	510	2200	322	10	332	500	2100	322	9	331	220	—	322	2	324
1	530	2200	322	10	332	500	2100	322	9	331	220	50	322	2	324
2	510	2150	322	10	332	510	2100	322	9	331	100	50	322	2	324
3	520	2100	322	10	332	510	2100	322	9	331	[illegible]	[illegible]	322	2	324
4	520	2100	322	10	332	510	2100	322	9	331	50	50	322	2	324
5	510	2200	322	10	332	480	2000	322	9	331	—	—	322	2	324
6	510	2150	322	10	332	480	2000	322	9	331	—	—	322	2	324
7	490	1900	322	10	332	480	2000	322	9	331	—	—	322	2	324
8	480	2050	322	10	332	480	2000	322	9	331	—	—	322	2	324
9	350	1400	322	8	330	480	2000	322	9	331	—	—	322	2	324
10	320	1400	322	8	330	480	1950	322	9	331	—	—	322	2	324
11	100	250	322	4	326	480	1950	322	9	331	350	1000	322	7	329
Noon	380	1600	322	4	326	—	—	322	9	331	310	950	322	7	329
1	460	1950	322	7	329	360	1550	322	9	331	190	—	322	4	326
2	520	2200	322	7	329	—	—	—	—	—	370	650	322	4	326
3	520	2150	322	7	329	—	—	—	—	—	510	1750	322	7	329
4	540	2200	322	7	329	—	—	—	—	—	360	750	322	6	328
5	530	2100	322	7	329	—	—	—	—	—	120	300	322	6	328
6	570	2000	322	7	329	—	—	—	—	—	370	750	322	6	328
7	510	1600	322	11	333	—	—	—	—	—	430	400	322	6	328
8	480	2100	322	11	333	380	1600	322	9	331	260	150	322	6	328
9	500	2200	322	11	333	440	1850	322	9	331	270	150	322	6	328
10	470	1950	322	11	333	420	1750	322	9	331	270	150	322	6	328
11	470	2100	322	11	333	440	1900	322	9	331	270	150	322	6	328
M'd't	490	2100	322	11	333	440	1900	322	9	331	290	150	322	6	328
Total			7137					7959					7840		
Average			330					331					326		

TIME	#4 GENERATOR Actual Amperes (Av. of 3 Phases)	Kilowatts	Head in Feet: Pressure	Vacuum	Total	#5 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											1250	4900	120	1.00	M'd't
1											1160	4300	120	1.00	1
2											1120	4300	120	1.00	2
3											1130	4250	120	1.00	3
4											1120	4250	120	1.00	4
5											990	4050	120	1.00	5
6											990	4150	120	1.00	6
7											970	3900	120	1.00	7
8											960	4050	120	1.00	8
9											930	3900	120	1.00	9
10											800	3350	120	1.00	10
11											920	3150	120	1.00	11
Noon											690	2550	120	1.00	Noon
1											710	3500	118	1.00	1
2											560	2800	118	.98	2
3											630	3000	118	.98	3
4											[illegible]	3150	118	.92	4
5											[illegible]	2500	120	.92	5
6											[illegible]	2500	120	.92	6
7											840	2000	120	.90	7
8											1190	4000	120	1.00	8
9											1220	4200	120	1.00	9
10											1170	4050	120	1.00	10
11											1200	4150	120	1.00	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	Totalizing Meter #4	___ Circuit	#1 Circuit	#2 Circuit	#3 Circuit	Total as Shown by Circuit Meters	Totalizing Meter	#1 Circuit	#2 Circuit	Total	Station Use
Midnight Today	714700	665400	862400				2109:9719		8397:2986	5028:0166	6:8493			411	473		2423
Midnight Yesterday	708200	652800	851100				2096:9793		8317:2717	4906:9726	5510:8413			499	405		1632
KW. H.	46700	32600	11600			90900	11:9		180:269	122:240	67:190			20	8		791

Generators

To Transmission System

To Local Distributing Sub Station

GENERAL DATA

LOAD DATA

Peak Load	KW.	4400
Load Factor	%	
Average load	KW.	3789
Continuous load available	"	2000

PRECIPITATION

Rainfall	Inches
Snowfall	"
Total equivalent rainfall	"

No. hrs. Wheels operated	#1 Wheel	#2 Wheel	#3 Wheel	___ Wheel	___ Wheel

STREAM DISCHARGE ___ A.M. P.M. ___

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

No. hrs. Station not operated account low water:

WHEEL DISCHARGE ___ A.M. P.M. ___

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

Average head in feet on all Waterwheels: 329

AIR TEMPERATURE; HUMIDITY

Max. Temp.	Deg. F.
Min. "	"
Av. "	"
Humidity	%
Weather:	Clear

TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES

Stopped changing water in flume for purposes of measurement.

SHIFT	4th A.M. to 12th P.M.	12th P.M. to 8th A.M.	8th A.M. to 4th P.M.
1st Operator	H. Young	J. J. Jones	C. Conder
2nd "	W. A. Hudson	E. E. Lint	J. B. Woodward
3rd "			
4th "			

Station Superintendent