O-Form 3407-30M-8-15

UTAH PO[illegible] COMPANY

# DAILY [illegible]ON LOG

Olmst Statio Station for SEP 25 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't | Dead | | | | | 340 | 1400 | 322 | 13 | 335 | 540 | 1900 | 322 | 8 | 330 |
| 1 | | | | | | 340 | 1400 | 322 | 7 | 329 | 540 | 1900 | 322 | 8 | 330 |
| 2 | | | | | | 350 | 1400 | 322 | 13 | 335 | 550 | 1900 | 322 | 8 | 330 |
| 3 | | | | | | 350 | 1400 | 322 | 13 | 335 | 560 | 1950 | 322 | 8 | 330 |
| 4 | | | | | | 410 | 1550 | 322 | 13 | 335 | 570 | 1950 | 322 | 8 | 330 |
| 5 | | | | | | 400 | 1550 | 322 | 8 | 330 | 560 | 1900 | 322 | 8 | 330 |
| 6 | | | | | | 400 | 1550 | 322 | 8 | 330 | 530 | 1900 | 322 | 8 | 330 |
| 7 | | | | | | 380 | 1500 | 322 | 8 | 330 | 560 | 1950 | 322 | 8 | 330 |
| 8 | | | | | | 380 | 1500 | 322 | 8 | 330 | 560 | 1950 | 322 | 8 | 330 |
| 9 | | | | | | 380 | 1500 | 322 | 8 | 330 | 530 | 1900 | 322 | 8 | 330 |
| 10 | | | | | | 450 | 1700 | 322 | 8 | 330 | 530 | 1900 | 322 | 8 | 330 |
| 11 | | | | | | 360 | 1550 | 322 | 8 | 330 | 530 | 1900 | 322 | 8 | 330 |
| Noon | | | | | | 420 | 1650 | 322 | 9 | 331 | 550 | 1900 | 322 | 8 | 330 |
| 1 | | | | | | 390 | 1650 | 322 | 9 | 331 | 550 | 1900 | 322 | 8 | 330 |
| 2 | | | | | | 380 | 1650 | 322 | 9 | 331 | 520 | 1900 | 322 | 8 | 330 |
| 3 | | | | | | 385 | 1650 | 322 | 9 | 331 | 520 | 1900 | 322 | 8 | 330 |
| 4 | | | | | | 380 | 1650 | 322 | 9 | 331 | 520 | 1900 | 322 | 8 | 330 |
| 5 | | | | | | 410 | 1700 | 322 | 10 | 332 | 570 | 1950 | 322 | 8 | 330 |
| 6 | | | | | | 380 | 1600 | 322 | 10 | 332 | 550 | 1950 | 322 | 8 | 330 |
| 7 | | | | | | 360 | 1500 | 322 | 10 | 332 | 550 | 1950 | 322 | 8 | 330 |
| 8 | | | | | | 350 | 1500 | 322 | 10 | 332 | 520 | 1900 | 322 | 8 | 330 |
| 9 | | | | | | 300 | 1300 | 322 | 12 | 334 | 520 | 1900 | 322 | 8 | 330 |
| 10 | | | | | | 400 | 1650 | 322 | 12 | 334 | 530 | 1900 | 322 | 8 | 330 |
| 11 | | | | | | 360 | 1400 | 322 | 12 | 334 | 560 | 1950 | 322 | 8 | 330 |
| M'd't | | | | | | 420 | 1650 | 322 | 12 | 334 | 560 | 1950 | 322 | 8 | 330 |
| Total | | | | | | | | | | 7969 | | | | | 7920 |
| Average | | | | | | | | | | 332 | | | | | 330 |

| 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 | | | | | | | | | | | 880 | 3300 | 120 | 1.00 | M'd't |
| 1 | | | | | | | | | | | 880 | 3300 | 120 | +.95 | 1 |
| 2 | | | | | | | | | | | 900 | 3300 | 120 | +.97 | 2 |
| 3 | | | | | | | | | | | 910 | 3350 | 120 | +.97 | 3 |
| 4 | | | | | | | | | | | 930 | 3500 | 120 | +.95 | 4 |
| 5 | | | | | | | | | | | 930 | 3450 | 120 | +.96 | 5 |
| 6 | | | | | | | | | | | 950 | 3450 | 119 | +.96 | 6 |
| 7 | | | | | | | | | | | 940 | 3450 | 120 | +.97 | 7 |
| 8 | | | | | | | | | | | [illegible] | 3450 | [illegible] | [illegible] | 8 |
| 9 | | | | | | | | | | | 910 | 3450 | 118 | 1.00 | 9 |
| 10 | | | | | | | | | | | 930 | 3450 | 118 | .97 | 10 |
| 11 | | | | | | | | | | | 950 | 3450 | 118 | 1.00 | 11 |
| Noon | | | | | | | | | | | 950 | 3450 | 118 | +.97 | Noon |
| 1 | | | | | | | | | | | [illegible] | 3550 | 120 | [illegible] | 1 |
| 2 | | | | | | | | | | | [illegible] | 3550 | 120 | .97 | 2 |
| 3 | | | | | | | | | | | 935 | 3550 | 120 | .97 | 3 |
| 4 | | | | | | | | | | | 960 | 3550 | 120 | .97 | 4 |
| 5 | | | | | | | | | | | 920 | 3400 | 120 | 1.00 | 5 |
| 6 | | | | | | | | | | | 938 | 3550 | 120 | 1.00 | 6 |
| 7 | | | | | | | | | | | 910 | 3450 | 120 | .97 | 7 |
| 8 | | | | | | | | | | | 870 | 3300 | 118 | .99 | 8 |
| 9 | | | | | | | | | | | 930 | 3200 | 118 | 1.00 | 9 |
| 10 | | | | | | | | | | | 930 | 3550 | 118 | 1.00 | 10 |
| 11 | | | | | | | | | | | 920 | 3450 | 118 | .97 | 11 |
| M'd't | | | | | | | | | | | 980 | 3600 | 118 | +.99 | M'd't |
| Total | | | | | | | | | | | Peak | 3650 | Average | .97 L. | |
| Average | | | | | | | | | | | | | | | |

## INTEGRATING METER READINGS

| Circuit | Generators: #1 Gen. | #2 Gen. | #3 Gen. | ____ Gen. | ____ Gen. | Total as Shown by Gen. Meters | Totalizing Meter |
|---|---|---|---|---|---|---|---|
| Midnight Today | 719800 | 40400 | 883800 | | | | 1040:6975 |
| Midnight Yesterday | 719800 | 2600 | 839200 | | | | 1030:6963 |
| KW. H. | | 37800 | 44600 | | | 82,400 | 10:12 |

| To Transmission System: #1 Circuit | #2 Circuit | #3 Circuit | ____ Circuit | Total as Shown by Circuit Meters | Totalizing Meter |
|---|---|---|---|---|---|
| 2058:1865 | 9335:4441 | 5660:1451 | | | |
| 1838:1623 | 9115:4301 | 5411:1448 | | | |
| 220:242 | 220:140 | 49:3 | | | |

| To Local Distributing Sub Station: #1 Circuit | #2 Circuit | Total | Station Use |
|---|---|---|---|
| 8191 | 3108 | | 2733 |
| 8580 | 3100 | | 2300 |
| 21 | 8 | | 533. |

## GENERAL DATA

**LOAD DATA**

| | | |
|---|---|---|
| Peak Load | KW. | 4400 |
| Load Factor | % | .83 |
| Average load | KW. | 34333 |
| Continuous load available | " | 3600 |

**PRECIPITATION**

| | | |
|---|---|---|
| Rainfall | Inches | Rained |
| Snowfall | " | |
| Total equivalent rainfall | " | |

| No. hrs. Wheels operated | #1 Wheel | #2 Wheel | #3 Wheel | ____ Wheel | ____ Wheel |
|---|---|---|---|---|---|
| | 0 | 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: None

**WHEEL DISCHARGE**

| | A. M. | P. M. | | | |
|---|---|---|---|---|---|
| Gage Reading | | | Max. | B. S. F. | |
| C. F. S. | | | Min. | " | |
| | | | Av. | " | |

Average head in feet on all Waterwheels: 331

**AIR TEMPERATURE; HUMIDITY**

| | | |
|---|---|---|
| Max. Temp. | Deg. F. | |
| Min. " | " | |
| Av. " | " | |
| Humidity | % | |
| Weather: | Cloudy — Rain | |

**TIME AND NATURE OF SWITCHING AND UNUSUAL OCCURRENCES**

65A E. line tripped. 65A Charged E. line O.K.

| SHIFT | 12:45 A.M. to 12:45 P.M. | 12:45 P.M. to 8:45 P.M. | 8:45 P.M. to 12:45 A.M. |
|---|---|---|---|
| 1st Operator | L. Asher | C. Conder | Nyman |
| 2nd " | F. List. | J. Jones | J. Huff. |
| 3rd " | | | |
| 4th " | | | |

H. Howlin
Station Superintendent