

Месячная ведомость учёта тепловой энергии и теплоносителя за Январь 2025 на ЦО

(с 21.01.2025 по 20.02.2025)

Потребитель: УОР Абонент: _____

Адрес потребителя: Аллея Смелых,116 Телефон: _____

Ответственное лицо: _____

Прибор: ТЭМ-104 Сер.номер: 1552038 Расход 1: 0.400 .. 160.000 м3/ч ДУ 80 мм

Модель: ТЭМ-104 Версия ПО: Расход 2: 0.400 .. 160.000 м3/ч ДУ 80 мм

R-Подача Q=M1(h1 - h2) Tхв.дог.=3.0°C

| Дата/Время | Q [Гкал] | M1 [тонн] | M2 [тонн] | M1-M2 | | V1 [куб.м.] | V2 [куб.м.] | V1-V2 | | T1 [°C] | T2 [°C] | P1 [ат] | P2 [ат] | Tнар [час] |
|------------|-------------|--------------|--------------|----------|--------|----------------|----------------|----------|--------|------------|------------|------------|------------|---------------|
| | | | | Подмес | Утечка | | | Подмес | Утечка | | | | | |
| 21.01.2025 | 5.7554 | 496.1463 | 512.4897 | 16.3434 | 0 | 508.3402 | 521.7432 | 13.4030 | 0 | 73.74 | 62.22 | 9.18 | 5.10 | 24.00 |
| 22.01.2025 | 5.8346 | 498.4765 | 514.7964 | 16.3199 | 0 | 510.8211 | 524.1453 | 13.3243 | 0 | 74.02 | 62.40 | 9.18 | 5.10 | 24.00 |
| 23.01.2025 | 5.7195 | 495.5799 | 511.7306 | 16.1507 | 0 | 507.8094 | 521.0311 | 13.2217 | 0 | 73.89 | 62.43 | 9.18 | 5.10 | 24.00 |
| 24.01.2025 | 5.6080 | 519.1331 | 536.3882 | 17.2552 | 0 | 531.5892 | 546.0286 | 14.4394 | 0 | 72.78 | 62.06 | 9.18 | 5.10 | 24.00 |
| 25.01.2025 | 5.6008 | 540.4091 | 558.6880 | 18.2789 | 0 | 553.4490 | 568.9356 | 15.4866 | 0 | 73.02 | 62.74 | 9.18 | 5.10 | 24.00 |
| 26.01.2025 | 5.4690 | 534.6520 | 552.5369 | 17.8848 | 0 | 547.4470 | 562.6072 | 15.1602 | 0 | 72.67 | 62.52 | 9.18 | 5.10 | 24.00 |
| 27.01.2025 | 5.5744 | 536.9895 | 554.8987 | 17.9092 | 0 | 549.9585 | 565.0861 | 15.1277 | 0 | 73.05 | 62.76 | 9.18 | 5.10 | 24.00 |
| 28.01.2025 | 5.5618 | 550.6075 | 569.0142 | 18.4067 | 0 | 563.9885 | 579.6235 | 15.6350 | 0 | 73.29 | 63.27 | 9.18 | 5.10 | 24.00 |
| 29.01.2025 | 5.5036 | 553.6911 | 572.3604 | 18.6693 | 0 | 566.8036 | 582.7555 | 15.9519 | 0 | 72.25 | 62.39 | 9.18 | 5.10 | 24.00 |
| 30.01.2025 | 5.6540 | 557.6664 | 576.4124 | 18.7460 | 0 | 571.0611 | 587.0025 | 15.9414 | 0 | 72.84 | 62.79 | 9.18 | 5.10 | 24.00 |
| 31.01.2025 | 5.5871 | 541.9685 | 560.2001 | 18.2316 | 0 | 554.9292 | 570.3812 | 15.4520 | 0 | 72.65 | 62.43 | 9.18 | 5.10 | 24.00 |
| 01.02.2025 | 5.5462 | 528.7092 | 546.6900 | 17.9809 | 0 | 541.2817 | 556.5040 | 15.2223 | 0 | 72.44 | 62.03 | 9.18 | 5.10 | 24.00 |
| 02.02.2025 | 5.6777 | 515.4253 | 532.8626 | 17.4372 | 0 | 527.7554 | 542.3443 | 14.5888 | 0 | 72.67 | 61.74 | 9.18 | 5.10 | 24.00 |
| 03.02.2025 | 5.6350 | 508.3846 | 525.3919 | 17.0072 | 0 | 520.5477 | 534.7239 | 14.1762 | 0 | 72.68 | 61.68 | 9.18 | 5.10 | 24.00 |
| 04.02.2025 | 5.6690 | 525.7047 | 543.4380 | 17.7333 | 0 | 538.3423 | 553.2291 | 14.8869 | 0 | 72.85 | 62.16 | 9.18 | 5.10 | 24.00 |
| 05.02.2025 | 5.7263 | 519.3489 | 536.7038 | 17.3549 | 0 | 531.8722 | 546.3460 | 14.4738 | 0 | 72.99 | 62.05 | 9.18 | 5.10 | 24.00 |
| 06.02.2025 | 5.4488 | 462.5334 | 477.9021 | 15.3687 | 0 | 473.3832 | 486.0135 | 12.6304 | 0 | 71.88 | 60.18 | 9.18 | 5.10 | 24.00 |
| 07.02.2025 | 5.7026 | 506.0479 | 523.0303 | 16.9824 | 0 | 518.1185 | 532.2324 | 14.1139 | 0 | 72.54 | 61.36 | 9.18 | 5.10 | 24.00 |
| 08.02.2025 | 6.0107 | 493.7981 | 510.5196 | 16.7215 | 0 | 506.3960 | 519.9968 | 13.6008 | 0 | 75.22 | 63.13 | 9.18 | 5.10 | 24.00 |
| 09.02.2025 | 6.2394 | 494.0472 | 510.6581 | 16.6110 | 0 | 507.3159 | 520.6277 | 13.3118 | 0 | 77.37 | 64.83 | 9.18 | 5.10 | 24.00 |
| 10.02.2025 | 6.5993 | 486.4052 | 502.4527 | 16.0476 | 0 | 500.0450 | 512.5138 | 12.4688 | 0 | 79.19 | 65.72 | 9.18 | 5.10 | 24.00 |
| 11.02.2025 | 6.5298 | 475.5331 | 490.9619 | 15.4288 | 0 | 488.6804 | 500.5806 | 11.9003 | 0 | 78.59 | 64.95 | 9.18 | 5.10 | 24.00 |
| 12.02.2025 | 6.5407 | 476.7797 | 492.3893 | 15.6095 | 0 | 490.0326 | 502.1029 | 12.0703 | 0 | 78.82 | 65.19 | 9.18 | 5.10 | 24.00 |
| 13.02.2025 | 5.5596 | 485.1163 | 497.2284 | 12.1122 | 0 | 498.4535 | 507.5497 | 9.0962 | 0 | 78.36 | 66.99 | 9.18 | 5.10 | 24.00 |
| 14.02.2025 | 5.9926 | 490.6445 | 505.5921 | 14.9476 | 0 | 503.7825 | 515.5421 | 11.7596 | 0 | 77.24 | 65.11 | 9.18 | 5.10 | 24.00 |
| 15.02.2025 | 6.0419 | 500.2248 | 517.0071 | 16.7823 | 0 | 513.5886 | 527.1963 | 13.6076 | 0 | 77.14 | 65.16 | 9.18 | 5.10 | 24.00 |
| 16.02.2025 | 6.0613 | 495.6879 | 512.1737 | 16.4858 | 0 | 509.3386 | 522.6013 | 13.2627 | 0 | 78.43 | 66.29 | 9.18 | 5.10 | 24.00 |
| 17.02.2025 | 6.0084 | 500.4574 | 517.0918 | 16.6345 | 0 | 513.8428 | 527.3173 | 13.4745 | 0 | 77.19 | 65.27 | 9.18 | 5.10 | 24.00 |
| 18.02.2025 | 5.8734 | 497.5797 | 513.7368 | 16.1572 | 0 | 510.5008 | 523.5987 | 13.0979 | 0 | 75.96 | 64.24 | 9.18 | 5.10 | 24.00 |
| 19.02.2025 | 5.9550 | 503.8255 | 520.6759 | 16.8504 | 0 | 516.9529 | 530.7032 | 13.7503 | 0 | 76.09 | 64.36 | 9.18 | 5.10 | 24.00 |
| 20.02.2025 | 6.1433 | 440.3753 | 454.3520 | 13.9767 | 0 | 452.5382 | 463.1841 | 10.6459 | 0 | 78.54 | 64.68 | 9.18 | 5.10 | 24.00 |
| Итого: | 180.8290 | 15731.9483 | 16250.3737 | 518.4254 | 0.0000 | 16128.9657 | 16554.2477 | 425.2820 | 0.0000 | 74.85 | 63.39 | 9.18 | 5.10 | 744.00 |

Отч.пер Т [ч] 744.00 = Нараб. 744.00 + Gmin 0.00 + Gmax 0.00 + dTmin 0.00 + Эл.пит. 0.00 + Проч.ав. 0.00
 Q [Гкал] 180.8290 = 180.8290 + 0.0000 + 0.0000 + 0.0000 + 0.0000 + 0.00000

| Нарастающим итогом на: | Q [Гкал] | M1 [тонн] | M2 [тонн] | V1 [куб.м.] | V2 [куб.м.] | Tнар [час] |
|---------------------------|-------------|--------------|--------------|----------------|----------------|---------------|
| 21.01.2025 | 1726.5760 | 179819.7469 | 185553.7540 | 183963.9860 | 188855.6467 | 12848.46 |
| 20.02.2025 | 1907.4050 | 195551.6952 | 201804.1277 | 200092.9518 | 205409.8945 | 13592.46 |
| Итого: | 180.8290 | 15731.9483 | 16250.3737 | 16128.9657 | 16554.2477 | 744.00 |

- (<) параметр < min
- (>) параметр > max
- (X) обрыв датчика
- (T) delta_t < min
- (R) перезапуск
- (C) коррекция часов
- (#) электропитание
- (E) функц.отказ



20.02.2025 Подпись _____

