

**Ведомость учета среднечасового отпуска тепловой энергии в системе отопления**  
за период с 23.11.20 г. по 22.12.20 г.

: 60                      24  
60                      24

: -9.1.1  
: 00000594

1

1.3

T = 5,00 °C                      = G    max= 12,00 3/    G    min= 0,03 3/    = 0,5 /  
= G    max= 12,00 3/    G    min= 0,03 3/    = 0,5 /  
= G    max= 12,00 3/    G    min= 0,00 3/    = 0,5 /

|          | , Q , | , Q , | , M, , V, 3 |        |        |        |      |      |       |       | , °C, |       |       |          |       |      |      |       |        |      |   |
|----------|-------|-------|-------------|--------|--------|--------|------|------|-------|-------|-------|-------|-------|----------|-------|------|------|-------|--------|------|---|
|          |       |       |             |        |        |        | +dM  | -dM  | dV    | /     |       | t1    | t2    | dt=t1-t2 | t3( ) | P1   | P2   | P3( ) | T      | T /  |   |
|          |       |       | M1          | V1     | M2     | V2     |      |      |       | M3( ) | V3( ) |       |       |          |       |      |      |       |        |      |   |
| 23.11.20 | 0.33  | 0.00  | 23.21       | 23.71  | 23.20  | 23.70  | 0.01 |      | 0.01  | 0.00  | 0.00  | 74.82 | 60.76 | 14.06    | 60.50 | 0.43 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 24.11.20 | 0.35  | 0.00  | 23.49       | 24.02  | 23.49  | 24.03  |      |      | -0.01 | 0.00  | 0.00  | 77.47 | 62.77 | 14.70    | 62.49 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 25.11.20 | 0.36  | 0.00  | 23.69       | 24.25  | 23.69  | 24.26  |      |      | -0.01 | 0.00  | 0.00  | 79.22 | 64.25 | 14.97    | 63.91 | 0.43 | 0.42 | 0.38  | 23.90  | 0.00 | 2 |
| 26.11.20 | 0.35  | 0.00  | 23.51       | 24.02  | 23.51  | 24.05  |      |      | -0.03 | 0.00  | 0.00  | 76.78 | 61.91 | 14.87    | 61.59 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 27.11.20 | 0.40  | 0.00  | 23.45       | 24.09  | 23.43  | 24.01  | 0.02 |      | 0.08  | 0.00  | 0.00  | 83.69 | 66.72 | 16.97    | 66.44 | 0.43 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 28.11.20 | 0.42  | 0.00  | 23.45       | 24.13  | 23.44  | 24.03  | 0.01 |      | 0.11  | 0.00  | 0.00  | 86.18 | 68.28 | 17.90    | 68.02 | 0.43 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 29.11.20 | 0.45  | 0.00  | 23.82       | 24.56  | 23.81  | 24.46  | 0.00 |      | 0.11  | 0.00  | 0.00  | 89.61 | 70.95 | 18.66    | 70.66 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 30.11.20 | 0.44  | 0.00  | 23.90       | 24.65  | 23.89  | 24.52  | 0.01 |      | 0.13  | 0.00  | 0.00  | 89.16 | 70.72 | 18.44    | 70.45 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 01.12.20 | 0.44  | 0.00  | 24.95       | 25.72  | 24.95  | 25.63  |      |      | 0.09  | 0.00  | 0.00  | 89.23 | 71.66 | 17.57    | 71.37 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 02.12.20 | 0.43  | 0.00  | 25.47       | 26.27  | 25.47  | 26.17  |      |      | 0.10  | 0.00  | 0.00  | 88.97 | 72.04 | 16.93    | 71.75 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 03.12.20 | 0.40  | 0.00  | 25.41       | 26.09  | 25.40  | 26.08  | 0.01 |      | 0.01  | 0.00  | 0.00  | 84.58 | 68.77 | 15.81    | 68.42 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 04.12.20 | 0.43  | 0.00  | 25.37       | 26.13  | 25.36  | 26.07  | 0.01 |      | 0.06  | 0.00  | 0.00  | 88.20 | 71.22 | 16.98    | 70.90 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 05.12.20 | 0.44  | 0.00  | 25.07       | 25.84  | 25.07  | 25.80  |      |      | 0.05  | 0.00  | 0.00  | 90.15 | 72.56 | 17.59    | 72.19 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 06.12.20 | 0.43  | 0.00  | 25.19       | 25.96  | 25.18  | 25.89  | 0.01 |      | 0.07  | 0.00  | 0.00  | 88.96 | 71.90 | 17.06    | 71.56 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 07.12.20 | 0.40  | 0.00  | 25.44       | 26.12  | 25.44  | 26.12  |      |      | 0.00  | 0.00  | 0.00  | 84.66 | 69.02 | 15.64    | 68.66 | 0.44 | 0.42 | 0.38  | 24.00  | 0.00 | 2 |
| 08.12.20 | 0.37  | 0.00  | 25.06       | 25.67  | 25.05  | 25.66  | 0.01 |      | 0.01  | 0.00  | 0.00  | 79.81 | 65.30 | 14.51    | 64.97 | 0.43 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 09.12.20 | 0.41  | 0.00  | 27.08       | 27.81  | 27.08  | 27.80  |      |      | 0.02  | 0.00  | 0.00  | 84.02 | 68.85 | 15.17    | 67.82 | 0.42 | 0.40 | 0.38  | 24.00  | 0.00 | 2 |
| 10.12.20 | 0.48  | 0.00  | 30.27       | 31.31  | 30.27  | 31.24  |      |      | 0.07  | 0.00  | 0.00  | 94.21 | 78.30 | 15.91    | 77.94 | 0.43 | 0.40 | 0.38  | 23.60  | 0.00 | 2 |
| 11.12.20 | 0.48  | 0.00  | 28.72       | 29.73  | 28.72  | 29.64  |      |      | 0.09  | 0.00  | 0.00  | 95.18 | 78.45 | 16.73    | 77.89 | 0.43 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 12.12.20 | 0.45  | 0.00  | 23.35       | 24.09  | 23.35  | 24.02  |      |      | 0.07  | 0.00  | 0.00  | 91.55 | 72.39 | 19.16    | 72.04 | 0.42 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 13.12.20 | 0.42  | 0.00  | 23.39       | 24.09  | 23.39  | 24.03  |      |      | 0.06  | 0.00  | 0.00  | 88.55 | 70.51 | 18.04    | 70.14 | 0.42 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 14.12.20 | 0.41  | 0.00  | 23.64       | 24.31  | 23.62  | 24.22  | 0.02 |      | 0.09  | 0.00  | 0.00  | 85.70 | 68.57 | 17.13    | 68.28 | 0.42 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 15.12.20 | 0.38  | 0.00  | 23.58       | 24.21  | 23.58  | 24.16  |      |      | 0.05  | 0.00  | 0.00  | 82.85 | 66.74 | 16.11    | 66.43 | 0.43 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 16.12.20 | 0.40  | 0.00  | 22.28       | 22.87  | 22.26  | 22.79  | 0.02 |      | 0.09  | 0.00  | 0.00  | 82.67 | 64.85 | 17.82    | 64.54 | 0.42 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 17.12.20 | 0.48  | 0.00  | 23.48       | 24.33  | 23.48  | 24.19  |      |      | 0.13  | 0.00  | 0.00  | 96.04 | 75.78 | 20.26    | 75.40 | 0.43 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 18.12.20 | 0.38  | 0.00  | 23.38       | 24.01  | 23.32  | 23.88  | 0.05 |      | 0.13  | 0.00  | 0.00  | 82.30 | 66.29 | 16.01    | 65.98 | 0.43 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 19.12.20 | 0.33  | 0.00  | 22.85       | 23.37  | 22.84  | 23.30  | 0.01 |      | 0.07  | 0.00  | 0.00  | 75.26 | 60.79 | 14.47    | 60.59 | 0.42 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 20.12.20 | 0.32  | 0.00  | 22.12       | 22.61  | 22.11  | 22.54  | 0.00 |      | 0.07  | 0.00  | 0.00  | 73.66 | 59.07 | 14.59    | 58.87 | 0.42 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 21.12.20 | 0.35  | 0.00  | 22.30       | 22.84  | 22.28  | 22.73  | 0.02 |      | 0.11  | 0.00  | 0.00  | 76.52 | 61.07 | 15.45    | 60.91 | 0.42 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
| 22.12.20 | 0.40  | 0.00  | 22.53       | 23.18  | 22.50  | 23.00  | 0.03 |      | 0.18  | 0.00  | 0.00  | 83.46 | 65.68 | 17.78    | 65.44 | 0.42 | 0.41 | 0.38  | 24.00  | 0.00 | 2 |
|          | 12.16 | 0.00  | 729.44      | 750.00 | 729.20 | 747.98 | 0.24 | 0.00 | 2.02  | 0.00  | 0.00  |       |       |          |       |      |      |       | 719.50 | 0.00 |   |

$$T = \quad + \max + T_{min} + T_{dt} + T$$

$$719.50 = 719.50 + 0.00 + 0.00 + 0.00 + 0.00$$

|  |         |         |        |
|--|---------|---------|--------|
|  | 24-00   | 24-00   |        |
| ,  | 12.31   | 24.46   | 12.16  |
| ,  | 0.00    | 0.00    | 0.00   |
| ,  | 1039.06 | 1768.51 | 729.44 |
| ,  | 1042.70 | 1771.90 | 729.20 |
| ( ) ,  | 0.00    | 0.00    | 0.00   |
| ,  | 1113.88 | 1833.38 | 719.50 |
| max + T <sub>min</sub> + T <sub>dt</sub> + T , | 0.00    | 0.00    | 0.00   |

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