

**Ведомость учета отпуска тепловой энергии за период
с 01/01/2018 по 31/12/2018**Потребитель: **ООО "Жилсервис" (Орбита-2004)**Объект: **ул. Челюскинцев, д. 30**

| | | | |
|--|----------------|----------|------------|
| Система отопления: двухтрубная зависимая | Карат-306-1 | 26614816 | 14.12.2020 |
| Расчетная формула тепловой энергии: | Карар-551-80-0 | 80182916 | 26.12.2020 |
| $Q = G \times (T^1 - T^2) / 1000$, Гкал | Карат-551-80-0 | 80228716 | 26.12.2020 |
| G _{max} = 72,5 тн/час | КТСПР-01 | 17070 | 12.01.2021 |
| G _{от} = 46,8 тн/час | | | |
| G _{гвс} = 25,7 тн/час | | | |
| Q= 1.9418 Гкал/час | | | |

| Дата | Температура (°C) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|---------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 01.01.2018 | 70,20 | 56,33 | 13,86 | 1357,781 | 1368,549 | -10,768 | 6,0 | 4,0 | 18,8692 | 0,0496 | 18,9188 | 24,00 | 0,00 |
| 02.01.2018 | 70,43 | 55,83 | 14,59 | 1356,786 | 1367,630 | -10,843 | 6,0 | 4,0 | 19,8437 | 0,0492 | 19,8928 | 24,00 | 0,00 |
| 03.01.2018 | 70,73 | 55,58 | 15,16 | 1362,084 | 1373,027 | -10,943 | 6,0 | 4,0 | 20,6908 | 0,0490 | 20,7398 | 24,00 | 0,00 |
| 04.01.2018 | 70,18 | 55,04 | 15,14 | 1364,530 | 1375,493 | -10,963 | 6,0 | 4,0 | 20,7088 | 0,0485 | 20,7573 | 24,00 | 0,00 |
| 05.01.2018 | 70,31 | 55,98 | 14,33 | 1356,544 | 1367,480 | -10,936 | 6,0 | 4,0 | 19,4853 | 0,0493 | 19,5346 | 24,00 | 0,00 |
| 06.01.2018 | 73,06 | 58,82 | 14,23 | 1354,654 | 1365,498 | -10,844 | 6,0 | 4,0 | 19,3256 | 0,0517 | 19,3774 | 24,00 | 0,00 |
| 07.01.2018 | 73,49 | 59,29 | 14,20 | 1352,246 | 1362,991 | -10,745 | 6,0 | 4,0 | 19,2543 | 0,0521 | 19,3064 | 24,00 | 0,00 |
| 08.01.2018 | 70,78 | 57,10 | 13,68 | 1361,883 | 1372,747 | -10,863 | 6,0 | 4,0 | 18,6835 | 0,0503 | 18,7338 | 24,00 | 0,00 |
| 09.01.2018 | 68,72 | 56,03 | 12,69 | 1370,378 | 1381,315 | -10,937 | 6,0 | 4,0 | 17,4309 | 0,0493 | 17,4803 | 24,00 | 0,00 |
| 10.01.2018 | 68,57 | 55,89 | 12,68 | 1370,518 | 1378,403 | -10,886 | 6,0 | 4,0 | 17,3871 | 0,0492 | 17,4363 | 24,00 | 0,00 |
| 11.01.2018 | 69,98 | 56,17 | 13,82 | 1353,499 | 1364,298 | -10,799 | 6,0 | 4,0 | 18,7371 | 0,0495 | 18,7865 | 24,00 | 0,00 |
| 12.01.2018 | 74,96 | 59,51 | 15,44 | 1346,729 | 1357,690 | -10,961 | 6,0 | 4,0 | 20,8485 | 0,0523 | 20,9008 | 24,00 | 0,00 |
| 13.01.2018 | 75,79 | 59,62 | 16,17 | 1342,069 | 1353,012 | -10,943 | 6,0 | 4,0 | 21,7517 | 0,0524 | 21,8041 | 24,00 | 0,00 |
| 14.01.2018 | 74,24 | 58,46 | 15,78 | 1343,604 | 1354,634 | -11,031 | 6,0 | 4,0 | 21,2525 | 0,0514 | 21,3039 | 24,00 | 0,00 |
| 15.01.2018 | 71,56 | 57,17 | 14,40 | 1350,417 | 1361,400 | -10,983 | 6,0 | 4,0 | 19,4852 | 0,0503 | 19,5356 | 24,00 | 0,00 |
| 16.01.2018 | 68,64 | 55,41 | 13,23 | 1358,716 | 1369,845 | -11,129 | 6,0 | 4,0 | 18,0236 | 0,0488 | 18,0725 | 24,00 | 0,00 |
| 17.01.2018 | 69,85 | 56,09 | 13,76 | 1342,601 | 1353,645 | -11,045 | 6,0 | 4,0 | 18,5088 | 0,0494 | 18,5582 | 24,00 | 0,00 |
| 18.01.2018 | 71,35 | 56,90 | 14,45 | 1327,767 | 1338,734 | -10,967 | 6,0 | 4,0 | 19,2314 | 0,0501 | 19,2815 | 24,00 | 0,00 |
| 19.01.2018 | 73,00 | 57,93 | 15,07 | 1319,593 | 1330,600 | -11,007 | 6,0 | 4,0 | 19,9340 | 0,0510 | 19,9850 | 24,00 | 0,00 |
| 20.01.2018 | 76,12 | 59,74 | 16,39 | 1319,320 | 1330,361 | -11,042 | 6,0 | 4,0 | 21,6719 | 0,0525 | 21,7244 | 24,00 | 0,00 |
| 21.01.2018 | 75,83 | 59,37 | 16,46 | 1329,370 | 1340,514 | -11,144 | 6,0 | 4,0 | 21,9262 | 0,0522 | 21,9784 | 24,00 | 0,00 |
| 22.01.2018 | 78,72 | 61,45 | 17,27 | 1319,572 | 1330,695 | -11,122 | 6,0 | 4,0 | 22,8418 | 0,0540 | 22,8957 | 24,00 | 0,00 |
| 23.01.2018 | 82,02 | 63,74 | 18,28 | 1324,183 | 1335,288 | -11,106 | 6,0 | 4,0 | 24,2683 | 0,0559 | 24,3242 | 24,00 | 0,00 |
| 24.01.2018 | 80,96 | 62,93 | 18,03 | 1323,220 | 1334,257 | -11,037 | 6,0 | 4,0 | 23,9190 | 0,0552 | 23,9742 | 24,00 | 0,00 |
| 25.01.2018 | 80,67 | 61,92 | 18,76 | 1304,510 | 1315,546 | -11,036 | 6,0 | 4,0 | 24,5282 | 0,0544 | 24,5825 | 24,00 | 0,00 |
| 26.01.2018 | 78,54 | 61,78 | 16,76 | 1329,383 | 1340,258 | -10,875 | 6,0 | 4,0 | 22,3377 | 0,0542 | 22,3919 | 24,00 | 0,00 |
| 27.01.2018 | 73,10 | 58,00 | 15,10 | 1334,289 | 1345,367 | -11,078 | 6,0 | 4,0 | 20,1972 | 0,0510 | 20,2482 | 24,00 | 0,00 |
| 28.01.2018 | 72,08 | 57,07 | 15,01 | 1336,844 | 1347,886 | -11,042 | 6,0 | 4,0 | 20,1083 | 0,0502 | 20,1585 | 24,00 | 0,00 |
| 29.01.2018 | 70,42 | 56,60 | 13,82 | 1356,622 | 1367,737 | -11,114 | 6,0 | 4,0 | 18,7987 | 0,0498 | 18,8485 | 24,00 | 0,00 |
| 30.01.2018 | 70,06 | 56,38 | 13,68 | 1366,831 | 1378,087 | -11,256 | 6,0 | 4,0 | 18,7442 | 0,0496 | 18,7939 | 24,00 | 0,00 |
| 31.01.2018 | 70,31 | 56,36 | 13,94 | 1355,909 | 1367,038 | -11,130 | 6,0 | 4,0 | 18,9488 | 0,0496 | 18,9985 | 24,00 | 0,00 |
| 01.02.2018 | 70,01 | 56,06 | 13,95 | 1341,980 | 1353,118 | -11,137 | 6,0 | 4,0 | 18,7560 | 0,0494 | 18,8054 | 24,00 | 0,00 |
| 02.02.2018 | 70,31 | 56,34 | 13,98 | 1341,739 | 1352,871 | -11,133 | 6,0 | 4,0 | 18,7968 | 0,0496 | 18,8464 | 24,00 | 0,00 |
| 03.02.2018 | 69,50 | 55,67 | 13,83 | 1347,631 | 1358,828 | -11,197 | 6,0 | 4,0 | 18,6756 | 0,0490 | 18,7247 | 24,00 | 0,00 |
| 04.02.2018 | 69,51 | 55,43 | 14,09 | 1345,712 | 1356,856 | -11,144 | 6,0 | 4,0 | 19,0032 | 0,0488 | 19,0520 | 24,00 | 0,00 |
| 05.02.2018 | 69,34 | 55,63 | 13,71 | 1340,985 | 1352,159 | -11,174 | 6,0 | 4,0 | 18,4336 | 0,0490 | 18,4826 | 24,00 | 0,00 |
| 06.02.2018 | 69,21 | 55,46 | 13,76 | 1348,780 | 1359,995 | -11,215 | 6,0 | 4,0 | 18,5991 | 0,0489 | 18,6480 | 24,00 | 0,00 |
| 07.02.2018 | 70,39 | 58,64 | 11,75 | 1363,451 | 1374,337 | -10,886 | 6,0 | 4,0 | 16,0650 | 0,0516 | 16,1166 | 24,00 | 0,00 |
| 08.02.2018 | 69,23 | 55,72 | 13,51 | 1347,608 | 1358,750 | -11,143 | 6,0 | 4,0 | 18,2384 | 0,0491 | 18,2874 | 24,00 | 0,00 |
| 09.02.2018 | 67,60 | 54,60 | 12,99 | 1330,626 | 1341,672 | -11,046 | 6,0 | 4,0 | 17,3295 | 0,0481 | 17,3776 | 24,00 | 0,00 |
| 10.02.2018 | 69,33 | 55,22 | 14,11 | 1332,260 | 1343,435 | -11,174 | 6,0 | 4,0 | 18,8412 | 0,0486 | 18,8899 | 24,00 | 0,00 |
| 11.02.2018 | 68,55 | 54,69 | 13,87 | 1338,285 | 1349,436 | -11,150 | 6,0 | 4,0 | 18,5974 | 0,0482 | 18,6456 | 24,00 | 0,00 |
| 12.02.2018 | 69,23 | 55,49 | 13,74 | 1334,289 | 1345,416 | -11,127 | 6,0 | 4,0 | 18,3711 | 0,0489 | 18,4199 | 24,00 | 0,00 |
| 13.02.2018 | 68,70 | 54,95 | 13,76 | 1325,677 | 1336,840 | -11,163 | 6,0 | 4,0 | 18,2745 | 0,0484 | 18,3229 | 24,00 | 0,00 |
| 14.02.2018 | 69,42 | 55,21 | 14,21 | 1310,479 | 1321,559 | -11,080 | 6,0 | 4,0 | 18,6542 | 0,0486 | 18,7029 | 24,00 | 0,00 |
| 15.02.2018 | 70,22 | 56,17 | 14,05 | 1312,466 | 1323,368 | -10,902 | 6,0 | 4,0 | 18,4752 | 0,0495 | 18,5246 | 24,00 | 0,00 |
| 16.02.2018 | 69,16 | 55,45 | 13,70 | 1314,522 | 1325,513 | -10,991 | 6,0 | 4,0 | 18,0498 | 0,0489 | 18,0986 | 24,00 | 0,00 |
| 17.02.2018 | 69,59 | 55,56 | 14,03 | 1310,194 | 1321,155 | -10,960 | 6,0 | 4,0 | 18,4214 | 0,0489 | 18,4703 | 24,00 | 0,00 |
| 18.02.2018 | 69,34 | 55,16 | 14,17 | 1311,124 | 1322,087 | -10,963 | 6,0 | 4,0 | 18,6201 | 0,0486 | 18,6687 | 24,00 | 0,00 |
| 19.02.2018 | 70,02 | 56,19 | 13,82 | 1322,731 | 1333,642 | -10,910 | 6,0 | 4,0 | 18,3311 | 0,0495 | 18,3806 | 24,00 | 0,00 |
| 20.02.2018 | 69,43 | 55,60 | 13,83 | 1330,422 | 1341,427 | -11,006 | 6,0 | 4,0 | 18,4384 | 0,0490 | 18,4873 | 24,00 | 0,00 |
| 21.02.2018 | 69,58 | 55,80 | 13,78 | 1329,379 | 1340,417 | -11,039 | 6,0 | 4,0 | 18,3612 | 0,0491 | 18,4104 | 24,00 | 0,00 |
| 22.02.2018 | 69,52 | 55,98 | 13,54 | 1328,074 | 1339,126 | -11,051 | 6,0 | 4,0 | 18,0199 | 0,0493 | 18,0692 | 24,00 | 0,00 |
| 23.02.2018 | 69,70 | 55,59 | 14,12 | 1317,802 | 1328,931 | -11,128 | 6,0 | 4,0 | 18,6448 | 0,0490 | 18,6937 | 24,00 | 0,00 |
| 24.02.2018 | 71,67 | 56,74 | 14,93 | 1318,908 | 1329,960 | -11,052 | 6,0 | 4,0 | 19,7307 | 0,0500 | 19,7807 | 24,00 | 0,00 |
| 25.02.2018 | 71,06 | 56,05 | 15,01 | 1317,032 | 1328,142 | -11,110 | 6,0 | 4,0 | 19,8070 | 0,0494 | 19,8564 | 24,00 | 0,00 |
| 26.02.2018 | 70,91 | 56,06 | 14,85 | 1313,049 | 1324,121 | -11,072 | 6,0 | 4,0 | 19,5349 | 0,0494 | 19,5843 | 24,00 | 0,00 |
| 27.02.2018 | 71,54 | 56,37 | 15,17 | 1310,110 | 1321,189 | -11,079 | 6,0 | 4,0 | 19,9164 | 0,0496 | 19,9660 | 24,00 | 0,00 |
| 28.02.2018 | 71,25 | 56,20 | 15,05 | 1309,346 | 1320,386 | -11,040 | 6,0 | 4,0 | 19,7418 | 0,0495 | 19,7913 | 24,00 | 0,00 |
| 01.03.2018 | 71,99 | 56,87 | 15,12 | 1316,100 | 1327,092 | -10,992 | 6,0 | 4,0 | 19,9404 | 0,0501 | 19,9905 | 24,00 | 0,00 |

| Дата | Температура (°С) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|---------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _n | Q _γ | Q _Σ | штатное | нештат. |
| 02.03.2018 | 69,80 | 55,80 | 14,01 | 1327,821 | 1338,826 | -11,004 | 6,0 | 4,0 | 18,6396 | 0,0491 | 18,6888 | 24,00 | 0,00 |
| 03.03.2018 | 69,70 | 55,91 | 13,79 | 1333,129 | 1344,111 | -10,982 | 6,0 | 4,0 | 18,4187 | 0,0492 | 18,4679 | 24,00 | 0,00 |
| 04.03.2018 | 69,67 | 55,49 | 14,18 | 1328,258 | 1339,241 | -10,983 | 6,0 | 4,0 | 18,8777 | 0,0489 | 18,9266 | 24,00 | 0,00 |
| 05.03.2018 | 68,08 | 55,02 | 13,07 | 1330,851 | 1341,927 | -11,076 | 6,0 | 4,0 | 17,4320 | 0,0485 | 17,4805 | 24,00 | 0,00 |
| 06.03.2018 | 68,06 | 55,08 | 12,98 | 1332,743 | 1343,713 | -10,970 | 6,0 | 4,0 | 17,3387 | 0,0485 | 17,3872 | 24,00 | 0,00 |
| 07.03.2018 | 69,53 | 55,48 | 14,04 | 1316,708 | 1327,562 | -10,853 | 6,0 | 4,0 | 18,5279 | 0,0489 | 18,5768 | 24,00 | 0,00 |
| 08.03.2018 | 69,25 | 55,16 | 14,09 | 1322,667 | 1333,470 | -10,804 | 6,0 | 4,0 | 18,6789 | 0,0486 | 18,7275 | 24,00 | 0,00 |
| 09.03.2018 | 68,53 | 54,78 | 13,74 | 1323,300 | 1334,120 | -10,820 | 6,0 | 4,0 | 18,2291 | 0,0483 | 18,2774 | 24,00 | 0,00 |
| 10.03.2018 | 68,70 | 54,89 | 13,80 | 1322,078 | 1332,907 | -10,829 | 6,0 | 4,0 | 18,2882 | 0,0484 | 18,3366 | 24,00 | 0,00 |
| 11.03.2018 | 68,70 | 54,45 | 14,25 | 1322,552 | 1333,453 | -10,901 | 6,0 | 4,0 | 18,8888 | 0,0480 | 18,9368 | 24,00 | 0,00 |
| 12.03.2018 | 69,75 | 55,82 | 13,93 | 1332,071 | 1342,986 | -10,915 | 6,0 | 4,0 | 18,6038 | 0,0492 | 18,6530 | 24,00 | 0,00 |
| 13.03.2018 | 69,09 | 55,57 | 13,52 | 1341,399 | 1352,285 | -10,887 | 6,0 | 4,0 | 18,1755 | 0,0489 | 18,2244 | 24,00 | 0,00 |
| 14.03.2018 | 68,15 | 55,07 | 13,09 | 1346,615 | 1357,514 | -10,899 | 6,0 | 4,0 | 17,6614 | 0,0485 | 17,7099 | 24,00 | 0,00 |
| 15.03.2018 | 66,75 | 54,24 | 12,51 | 1351,661 | 1362,429 | -10,768 | 6,0 | 4,0 | 16,9485 | 0,0478 | 16,9963 | 24,00 | 0,00 |
| 16.03.2018 | 67,75 | 55,28 | 12,48 | 1356,238 | 1367,290 | -11,052 | 6,0 | 4,0 | 16,9640 | 0,0487 | 17,0127 | 24,00 | 0,00 |
| 17.03.2018 | 67,14 | 54,75 | 12,38 | 1358,039 | 1369,227 | -11,188 | 6,0 | 4,0 | 16,8581 | 0,0483 | 16,9063 | 24,00 | 0,00 |
| 18.03.2018 | 67,21 | 54,36 | 12,85 | 1355,192 | 1366,388 | -11,196 | 6,0 | 4,0 | 17,4595 | 0,0479 | 17,5074 | 24,00 | 0,00 |
| 19.03.2018 | 67,46 | 54,54 | 12,92 | 1342,272 | 1353,378 | -11,106 | 6,0 | 4,0 | 17,3730 | 0,0481 | 17,4210 | 24,00 | 0,00 |
| 20.03.2018 | 67,52 | 54,62 | 12,90 | 1343,298 | 1354,358 | -11,060 | 6,0 | 4,0 | 17,3665 | 0,0481 | 17,4147 | 24,00 | 0,00 |
| 21.03.2018 | 66,00 | 53,86 | 12,15 | 1351,779 | 1362,807 | -11,028 | 6,0 | 4,0 | 16,4565 | 0,0475 | 16,5040 | 24,00 | 0,00 |
| 22.03.2018 | 64,78 | 53,21 | 11,57 | 1353,208 | 1364,293 | -11,085 | 6,0 | 4,0 | 15,6864 | 0,0469 | 15,7334 | 24,00 | 0,00 |
| 23.03.2018 | 65,62 | 53,49 | 12,14 | 1348,369 | 1359,514 | -11,145 | 6,0 | 4,0 | 16,4021 | 0,0472 | 16,4493 | 24,00 | 0,00 |
| 24.03.2018 | 66,64 | 54,10 | 12,54 | 1348,828 | 1359,975 | -11,148 | 6,0 | 4,0 | 16,9576 | 0,0477 | 17,0053 | 24,00 | 0,00 |
| 25.03.2018 | 66,00 | 53,71 | 12,28 | 1354,604 | 1365,766 | -11,162 | 6,0 | 4,0 | 16,6784 | 0,0474 | 16,7257 | 24,00 | 0,00 |
| 26.03.2018 | 65,28 | 53,65 | 11,62 | 1370,889 | 1382,063 | -11,174 | 6,0 | 4,0 | 15,9776 | 0,0473 | 16,0249 | 24,00 | 0,00 |
| 27.03.2018 | 65,74 | 54,02 | 11,72 | 1373,243 | 1384,399 | -11,156 | 6,0 | 4,0 | 16,1266 | 0,0476 | 16,1742 | 24,00 | 0,00 |
| 28.03.2018 | 66,12 | 54,25 | 11,87 | 1368,370 | 1379,534 | -11,164 | 6,0 | 4,0 | 16,2790 | 0,0478 | 16,3268 | 24,00 | 0,00 |
| 29.03.2018 | 65,84 | 54,05 | 11,78 | 1368,990 | 1380,247 | -11,257 | 6,0 | 4,0 | 16,1706 | 0,0477 | 16,2183 | 24,00 | 0,00 |
| 30.03.2018 | 65,88 | 53,96 | 11,92 | 1368,939 | 1380,229 | -11,290 | 6,0 | 4,0 | 16,3568 | 0,0476 | 16,4044 | 24,00 | 0,00 |
| 31.03.2018 | 65,50 | 53,53 | 11,97 | 1374,453 | 1385,673 | -11,221 | 6,0 | 4,0 | 16,4909 | 0,0472 | 16,5381 | 24,00 | 0,00 |
| 01.04.2018 | 65,53 | 53,29 | 12,24 | 1376,330 | 1387,677 | -11,346 | 6,0 | 4,0 | 16,8851 | 0,0470 | 16,9321 | 24,00 | 0,00 |
| 02.04.2018 | 65,76 | 54,04 | 11,73 | 1378,849 | 1390,047 | -11,198 | 6,0 | 4,0 | 16,2087 | 0,0476 | 16,2563 | 24,00 | 0,00 |
| 03.04.2018 | 65,86 | 54,33 | 11,53 | 1388,509 | 1399,662 | -11,152 | 6,0 | 4,0 | 16,0525 | 0,0479 | 16,1004 | 24,00 | 0,00 |
| 04.04.2018 | 64,75 | 53,56 | 11,19 | 1391,108 | 1402,149 | -11,041 | 6,0 | 4,0 | 15,6094 | 0,0472 | 15,6566 | 24,00 | 0,00 |
| 05.04.2018 | 65,06 | 53,76 | 11,30 | 1398,856 | 1409,984 | -11,128 | 6,0 | 4,0 | 15,8517 | 0,0474 | 15,8991 | 24,00 | 0,00 |
| 06.04.2018 | 64,86 | 54,07 | 10,80 | 1420,291 | 1431,363 | -11,071 | 6,0 | 4,0 | 15,3806 | 0,0477 | 15,4283 | 24,00 | 0,00 |
| 07.04.2018 | 63,60 | 53,05 | 10,55 | 1435,211 | 1446,252 | -11,042 | 6,0 | 4,0 | 15,1870 | 0,0468 | 15,2338 | 24,00 | 0,00 |
| 08.04.2018 | 64,07 | 53,48 | 10,59 | 1438,704 | 1449,763 | -11,059 | 6,0 | 4,0 | 15,2819 | 0,0472 | 15,3290 | 24,00 | 0,00 |
| 09.04.2018 | 62,53 | 52,50 | 10,03 | 1428,506 | 1439,543 | -11,037 | 6,0 | 4,0 | 14,3719 | 0,0463 | 14,4183 | 24,00 | 0,00 |
| 10.04.2018 | 62,28 | 52,13 | 10,15 | 1415,463 | 1426,470 | -11,007 | 6,0 | 4,0 | 14,4122 | 0,0460 | 14,4582 | 24,00 | 0,00 |
| 11.04.2018 | 64,30 | 53,67 | 10,63 | 1420,987 | 1431,983 | -10,995 | 6,0 | 4,0 | 15,1466 | 0,0473 | 15,1939 | 24,00 | 0,00 |
| 12.04.2018 | 64,17 | 53,37 | 10,80 | 1422,161 | 1433,249 | -11,087 | 6,0 | 4,0 | 15,3987 | 0,0471 | 15,4458 | 24,00 | 0,00 |
| 13.04.2018 | 64,39 | 53,74 | 10,65 | 1427,015 | 1438,182 | -11,168 | 6,0 | 4,0 | 15,2449 | 0,0474 | 15,2923 | 24,00 | 0,00 |
| 14.04.2018 | 64,18 | 53,63 | 10,55 | 1435,280 | 1446,579 | -11,299 | 6,0 | 4,0 | 15,1795 | 0,0473 | 15,2268 | 24,00 | 0,00 |
| 15.04.2018 | 63,79 | 53,07 | 10,72 | 1432,376 | 1443,757 | -11,381 | 6,0 | 4,0 | 15,3952 | 0,0468 | 15,4420 | 24,00 | 0,00 |
| 16.04.2018 | 63,81 | 53,37 | 10,43 | 1421,531 | 1432,846 | -11,315 | 6,0 | 4,0 | 14,8701 | 0,0471 | 14,9171 | 24,00 | 0,00 |
| 17.04.2018 | 63,79 | 53,21 | 10,58 | 1416,685 | 1428,001 | -11,315 | 6,0 | 4,0 | 15,0221 | 0,0469 | 15,0691 | 24,00 | 0,00 |
| 18.04.2018 | 63,67 | 53,07 | 10,60 | 1403,394 | 1414,586 | -11,192 | 6,0 | 4,0 | 14,9174 | 0,0468 | 14,9642 | 24,00 | 0,00 |
| 19.04.2018 | 64,20 | 53,60 | 10,60 | 1406,457 | 1417,733 | -11,276 | 6,0 | 4,0 | 14,9459 | 0,0473 | 14,9932 | 24,00 | 0,00 |
| 20.04.2018 | 63,96 | 53,65 | 10,31 | 1409,793 | 1420,948 | -11,155 | 6,0 | 4,0 | 14,5764 | 0,0473 | 14,6237 | 24,00 | 0,00 |
| 21.04.2018 | 63,21 | 52,89 | 10,32 | 1413,312 | 1424,522 | -11,210 | 6,0 | 4,0 | 14,6290 | 0,0467 | 14,6756 | 24,00 | 0,00 |
| 22.04.2018 | 62,28 | 51,77 | 10,51 | 1409,805 | 1421,096 | -11,291 | 6,0 | 4,0 | 14,8628 | 0,0457 | 14,9085 | 24,00 | 0,00 |
| 23.04.2018 | 63,08 | 52,96 | 10,13 | 1407,812 | 1418,979 | -11,167 | 6,0 | 4,0 | 14,2963 | 0,0467 | 14,3430 | 24,00 | 0,00 |
| 24.04.2018 | 62,99 | 52,72 | 10,27 | 1408,996 | 1420,198 | -11,202 | 6,0 | 4,0 | 14,5097 | 0,0465 | 14,5562 | 24,00 | 0,00 |
| 25.04.2018 | 62,53 | 52,32 | 10,21 | 1408,529 | 1419,737 | -11,208 | 6,0 | 4,0 | 14,4233 | 0,0462 | 14,4695 | 24,00 | 0,00 |
| 26.04.2018 | 61,62 | 51,75 | 9,87 | 1413,036 | 1423,975 | -10,938 | 6,0 | 4,0 | 13,9877 | 0,0457 | 14,0333 | 24,00 | 0,00 |
| 27.04.2018 | 61,98 | 52,23 | 9,75 | 1396,329 | 1407,443 | -11,114 | 6,0 | 4,0 | 13,6295 | 0,0461 | 13,6756 | 24,00 | 0,00 |
| 28.04.2018 | 62,09 | 52,28 | 9,81 | 1384,828 | 1395,282 | -10,455 | 6,0 | 4,0 | 13,6223 | 0,0461 | 13,6684 | 24,00 | 0,00 |
| 29.04.2018 | 61,18 | 51,51 | 9,67 | 1394,862 | 1406,069 | -11,207 | 6,0 | 4,0 | 13,5274 | 0,0455 | 13,5728 | 24,00 | 0,00 |
| 30.04.2018 | 61,66 | 51,66 | 10,00 | 1395,854 | 1406,998 | -11,144 | 6,0 | 4,0 | 13,9973 | 0,0456 | 14,0429 | 24,00 | 0,00 |
| 01.05.2018 | 61,71 | 51,96 | 9,75 | 1397,772 | 1408,952 | -11,180 | 6,0 | 4,0 | 13,6729 | 0,0459 | 13,7187 | 24,00 | 0,00 |
| 02.05.2018 | 60,94 | 51,23 | 9,71 | 1396,244 | 1407,530 | -11,286 | 6,0 | 4,0 | 13,5939 | 0,0452 | 13,6391 | 24,00 | 0,00 |
| 03.05.2018 | 60,98 | 51,50 | 9,48 | 1401,886 | 1413,087 | -11,201 | 6,0 | 4,0 | 13,3221 | 0,0455 | 13,3675 | 24,00 | 0,00 |
| 04.05.2018 | 59,41 | 50,38 | 9,03 | 1404,211 | 1415,483 | -11,273 | 6,0 | 4,0 | 12,7111 | 0,0445 | 12,7556 | 24,00 | 0,00 |
| 05.05.2018 | 58,90 | 49,67 | 9,23 | 1402,938 | 1414,226 | -11,288 | 6,0 | 4,0 | 12,9788 | 0,0439 | 13,0227 | 24,00 | 0,00 |
| 06.05.2018 | 58,87 | 49,50 | 9,37 | 1399,368 | 1410,621 | -11,254 | 6,0 | 4,0 | 13,1506 | 0,0437 | 13,1944 | 24,00 | 0,00 |
| 07.05.2018 | 57,55 | 48,12 | 9,42 | 1286,535 | 1297,229 | -10,694 | 6,0 | 4,0 | 12,0975 | 0,0425 | 12,1401 | 24,00 | 0,00 |
| 08.05.2018 | 57,64 | 47,90 | 9,74 | 1226,151 | 1236,625 | -10,474 | 6,0 | 4,0 | 11,9689 | 0,0423 | 12,0113 | 24,00 | 0,00 |
| 09.05.2018 | 57,50 | 47,79 | 9,71 | 1226,501 | 1236,943 | -10,442 | 6,0 | 4,0 | 11,9351 | 0,0423 | 11,9773 | 24,00 | 0,00 |
| 10.05.2018 | 58,01 | 50,69 | 7,32 | 980,768 | 984,160 | -3,392 | 6,0 | 4,0 | 7,5595 | 0,0447 | 7,6043 | 24,00 | 0,00 |
| 11.05.2018 | 57,48 | 50,86 | 6,62 | 1053,420 | 1057,775 | -4,355 | 6,0 | 4,0 | 7,0443 | 0,0449 | 7,0892 | 24,00 | 0,00 |
| 12.05.2018 | 58,12 | 50,42 | 7,69 | 1124,333 | 1133,822 | -9,489 | 6,0 | 4,0 | 8,6766 | 0,0445 | 8,7211 | 24,00 | 0,00 |
| 13.05.2018 | 58,25 | 50,15 | 8,09 | 1125,938 | 1135,484 | -9,546 | 6,0 | 4,0 | 9,1384 | 0,0443 | 9,1827 | 24,00 | 0,00 |
| 14.05.2018 | 62,45 | 56,03 | 6,42 | 881,240 | 889,146 | -7,905 | 6,0 | 4,0 | 5,7688 | 0,0493 | 5,8181 | 24,00 | 0,00 |

| Дата | Температура (°С) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 15.05.2018 | 64,42 | 58,78 | 5,64 | 729,747 | 736,635 | -6,888 | 6,0 | 4,0 | 4,1392 | 0,0516 | 4,1909 | 24,00 | 0,00 |
| 16.05.2018 | 74,41 | 67,52 | 6,88 | 705,565 | 712,112 | -6,546 | 6,0 | 4,0 | 4,8554 | 0,0590 | 4,9144 | 24,00 | 0,00 |
| 17.05.2018 | 65,96 | 60,18 | 5,78 | 714,548 | 721,197 | -6,649 | 6,0 | 4,0 | 4,1455 | 0,0528 | 4,1983 | 24,00 | 0,00 |
| 18.05.2018 | 68,10 | 62,03 | 6,07 | 732,184 | 738,993 | -6,809 | 6,0 | 4,0 | 4,4571 | 0,0544 | 4,5115 | 24,00 | 0,00 |
| 19.05.2018 | 75,83 | 68,71 | 7,12 | 719,039 | 725,740 | -6,700 | 6,0 | 4,0 | 5,1445 | 0,0600 | 5,2045 | 24,00 | 0,00 |
| 20.05.2018 | 69,44 | 62,76 | 6,68 | 609,890 | 615,773 | -5,883 | 6,0 | 4,0 | 4,2496 | 0,0469 | 4,2965 | 20,42 | 3,58 |
| 21.05.2018 | 74,69 | 68,12 | 6,57 | 721,474 | 728,006 | -6,531 | 6,0 | 4,0 | 4,7596 | 0,0595 | 4,8191 | 24,00 | 0,00 |
| 22.05.2018 | 69,39 | 63,18 | 6,20 | 717,804 | 724,290 | -6,486 | 6,0 | 4,0 | 4,4748 | 0,0554 | 4,5301 | 24,00 | 0,00 |
| 23.05.2018 | 70,44 | 64,63 | 5,81 | 728,219 | 734,478 | -6,259 | 6,0 | 4,0 | 4,2534 | 0,0566 | 4,3100 | 24,00 | 0,00 |
| 24.05.2018 | 70,78 | 64,95 | 5,83 | 730,781 | 737,127 | -6,346 | 6,0 | 4,0 | 4,2822 | 0,0568 | 4,3391 | 24,00 | 0,00 |
| 25.05.2018 | 71,00 | 65,18 | 5,82 | 730,011 | 736,407 | -6,396 | 6,0 | 4,0 | 4,2669 | 0,0570 | 4,3239 | 24,00 | 0,00 |
| 26.05.2018 | 70,01 | 63,79 | 6,22 | 726,528 | 733,050 | -6,522 | 6,0 | 4,0 | 4,5411 | 0,0559 | 4,5969 | 24,00 | 0,00 |
| 27.05.2018 | 68,65 | 62,16 | 6,49 | 725,549 | 732,080 | -6,532 | 6,0 | 4,0 | 4,7238 | 0,0545 | 4,7783 | 24,00 | 0,00 |
| 28.05.2018 | 68,98 | 63,01 | 5,97 | 724,839 | 731,375 | -6,537 | 6,0 | 4,0 | 4,3478 | 0,0552 | 4,4030 | 24,00 | 0,00 |
| 29.05.2018 | 69,41 | 63,23 | 6,18 | 723,262 | 729,820 | -6,558 | 6,0 | 4,0 | 4,4945 | 0,0554 | 4,5499 | 24,00 | 0,00 |
| 30.05.2018 | 68,07 | 61,74 | 6,34 | 715,797 | 722,333 | -6,536 | 6,0 | 4,0 | 4,5511 | 0,0541 | 4,6052 | 24,00 | 0,00 |
| 31.05.2018 | 66,62 | 60,33 | 6,29 | 716,166 | 722,774 | -6,608 | 6,0 | 4,0 | 4,5236 | 0,0530 | 4,5765 | 24,00 | 0,00 |
| 01.06.2018 | 65,82 | 59,89 | 5,94 | 715,253 | 721,856 | -6,603 | 6,0 | 4,0 | 4,2650 | 0,0526 | 4,3176 | 24,00 | 0,00 |
| 02.06.2018 | 67,29 | 60,81 | 6,47 | 714,908 | 721,586 | -6,678 | 6,0 | 4,0 | 4,6458 | 0,0534 | 4,6992 | 24,00 | 0,00 |
| 03.06.2018 | 66,02 | 59,14 | 6,89 | 713,007 | 719,730 | -6,724 | 6,0 | 4,0 | 4,9255 | 0,0519 | 4,9774 | 24,00 | 0,00 |
| 04.06.2018 | 65,49 | 59,13 | 6,36 | 720,536 | 727,285 | -6,749 | 6,0 | 4,0 | 4,6103 | 0,0519 | 4,6622 | 24,00 | 0,00 |
| 05.06.2018 | 66,12 | 59,93 | 6,20 | 734,866 | 741,678 | -6,811 | 6,0 | 4,0 | 4,5789 | 0,0526 | 4,6315 | 24,00 | 0,00 |
| 06.06.2018 | 66,23 | 60,15 | 6,08 | 736,128 | 742,970 | -6,842 | 6,0 | 4,0 | 4,4939 | 0,0528 | 4,5467 | 24,00 | 0,00 |
| 07.06.2018 | 65,88 | 59,37 | 6,51 | 728,383 | 735,231 | -6,848 | 6,0 | 4,0 | 4,7560 | 0,0521 | 4,8081 | 24,00 | 0,00 |
| 08.06.2018 | 64,28 | 57,72 | 6,56 | 718,322 | 725,141 | -6,818 | 6,0 | 4,0 | 4,7341 | 0,0507 | 4,7849 | 24,00 | 0,00 |
| 09.06.2018 | 65,10 | 58,46 | 6,64 | 721,243 | 728,060 | -6,817 | 6,0 | 4,0 | 4,8105 | 0,0514 | 4,8618 | 24,00 | 0,00 |
| 10.06.2018 | 65,86 | 58,97 | 6,89 | 724,215 | 731,109 | -6,894 | 6,0 | 4,0 | 5,0085 | 0,0518 | 5,0603 | 24,00 | 0,00 |
| 11.06.2018 | 64,90 | 57,84 | 7,06 | 723,140 | 729,974 | -6,834 | 6,0 | 4,0 | 5,1207 | 0,0508 | 5,1716 | 24,00 | 0,00 |
| 12.06.2018 | 64,03 | 57,05 | 6,97 | 721,534 | 728,388 | -6,854 | 6,0 | 4,0 | 5,0499 | 0,0502 | 5,1001 | 24,00 | 0,00 |
| 13.06.2018 | 64,04 | 57,21 | 6,83 | 727,871 | 734,758 | -6,888 | 6,0 | 4,0 | 4,9974 | 0,0503 | 5,0477 | 24,00 | 0,00 |
| 14.06.2018 | 65,30 | 58,23 | 7,07 | 728,858 | 735,775 | -6,918 | 6,0 | 4,0 | 5,1738 | 0,0512 | 5,2249 | 24,00 | 0,00 |
| 15.06.2018 | 64,21 | 57,15 | 7,06 | 734,813 | 741,775 | -6,962 | 6,0 | 4,0 | 5,2100 | 0,0502 | 5,2603 | 24,00 | 0,00 |
| 16.06.2018 | 63,29 | 56,29 | 7,00 | 739,674 | 746,673 | -7,000 | 6,0 | 4,0 | 5,2012 | 0,0495 | 5,2508 | 24,00 | 0,00 |
| 17.06.2018 | 64,06 | 56,27 | 7,79 | 740,734 | 747,747 | -7,013 | 6,0 | 4,0 | 5,7961 | 0,0495 | 5,8456 | 24,00 | 0,00 |
| 18.06.2018 | 64,45 | 57,04 | 7,41 | 742,318 | 749,321 | -7,003 | 6,0 | 4,0 | 5,5196 | 0,0502 | 5,5698 | 24,00 | 0,00 |
| 19.06.2018 | 67,03 | 59,54 | 7,49 | 749,004 | 755,997 | -6,993 | 6,0 | 4,0 | 5,6332 | 0,0523 | 5,6855 | 24,00 | 0,00 |
| 20.06.2018 | 67,68 | 59,93 | 7,75 | 754,116 | 761,156 | -7,040 | 6,0 | 4,0 | 5,8688 | 0,0526 | 5,9214 | 24,00 | 0,00 |
| 21.06.2018 | 67,03 | 59,57 | 7,45 | 688,544 | 695,056 | -6,512 | 6,0 | 4,0 | 5,1577 | 0,0478 | 5,2055 | 21,93 | 2,07 |
| 22.06.2018 | 65,88 | 59,65 | 6,23 | 750,449 | 757,360 | -6,911 | 6,0 | 4,0 | 4,7035 | 0,0524 | 4,7559 | 24,00 | 0,00 |
| 23.06.2018 | 64,56 | 59,52 | 5,04 | 749,764 | 756,671 | -6,907 | 6,0 | 4,0 | 3,7993 | 0,0523 | 3,8516 | 24,00 | 0,00 |
| 24.06.2018 | 66,08 | 60,58 | 5,50 | 753,912 | 760,847 | -6,935 | 6,0 | 4,0 | 4,1722 | 0,0532 | 4,2254 | 24,00 | 0,00 |
| 25.06.2018 | 67,53 | 62,37 | 5,16 | 758,018 | 764,858 | -6,840 | 6,0 | 4,0 | 3,9327 | 0,0547 | 3,9874 | 24,00 | 0,00 |
| 26.06.2018 | 69,69 | 64,26 | 5,43 | 760,657 | 767,556 | -6,898 | 6,0 | 4,0 | 4,1549 | 0,0563 | 4,2111 | 24,00 | 0,00 |
| 27.06.2018 | 70,49 | 63,18 | 7,32 | 759,388 | 766,363 | -6,975 | 6,0 | 4,0 | 5,5734 | 0,0554 | 5,6287 | 24,00 | 0,00 |
| 28.06.2018 | 71,16 | 63,90 | 7,26 | 756,014 | 762,951 | -6,938 | 6,0 | 4,0 | 5,5142 | 0,0560 | 5,5702 | 24,00 | 0,00 |
| 29.06.2018 | 72,12 | 66,72 | 5,40 | 756,129 | 762,916 | -6,786 | 6,0 | 4,0 | 4,1122 | 0,0584 | 4,1706 | 24,00 | 0,00 |
| 30.06.2018 | 72,20 | 66,40 | 5,80 | 757,036 | 763,829 | -6,793 | 6,0 | 4,0 | 4,4170 | 0,0581 | 4,4751 | 24,00 | 0,00 |
| 01.07.2018 | 73,40 | 66,27 | 7,13 | 757,941 | 764,853 | -6,912 | 6,0 | 4,0 | 5,4314 | 0,0580 | 5,4894 | 24,00 | 0,00 |
| 02.07.2018 | 73,62 | 65,29 | 8,32 | 756,487 | 763,526 | -7,039 | 6,0 | 4,0 | 6,3233 | 0,0572 | 6,3804 | 24,00 | 0,00 |
| 03.07.2018 | 74,04 | 66,79 | 7,26 | 756,849 | 763,704 | -6,855 | 6,0 | 4,0 | 5,5188 | 0,0584 | 5,5772 | 24,00 | 0,00 |
| 04.07.2018 | 74,41 | 69,74 | 4,67 | 762,670 | 769,332 | -6,662 | 6,0 | 4,0 | 3,5922 | 0,0609 | 3,6531 | 24,00 | 0,00 |
| 05.07.2018 | 75,15 | 70,22 | 4,93 | 767,920 | 774,718 | -6,798 | 6,0 | 4,0 | 3,8139 | 0,0613 | 3,8752 | 24,00 | 0,00 |
| 06.07.2018 | 74,90 | 70,05 | 4,85 | 768,729 | 775,539 | -6,810 | 6,0 | 4,0 | 3,7580 | 0,0611 | 3,8191 | 24,00 | 0,00 |
| 07.07.2018 | 75,11 | 70,16 | 4,94 | 769,451 | 776,236 | -6,786 | 6,0 | 4,0 | 3,8301 | 0,0612 | 3,8913 | 24,00 | 0,00 |
| 08.07.2018 | 75,65 | 70,50 | 5,15 | 769,128 | 775,907 | -6,779 | 6,0 | 4,0 | 3,9845 | 0,0615 | 4,0460 | 24,00 | 0,00 |
| 09.07.2018 | 72,42 | 67,41 | 5,01 | 773,193 | 780,097 | -6,904 | 6,0 | 4,0 | 3,9047 | 0,0589 | 3,9636 | 24,00 | 0,00 |
| 10.07.2018 | 41,91 | 40,14 | 1,76 | 265,506 | 267,998 | -2,492 | 6,0 | 4,0 | 0,6927 | 0,0355 | 0,7283 | 24,00 | 0,00 |
| 11.07.2018 | 29,19 | 29,06 | 0,13 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0259 | 0,0259 | 24,00 | 0,00 |
| 12.07.2018 | 27,26 | 27,47 | -0,20 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0245 | 0,0245 | 24,00 | 0,00 |
| 13.07.2018 | 26,12 | 26,31 | -0,18 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0234 | 0,0234 | 24,00 | 0,00 |
| 14.07.2018 | 25,43 | 25,60 | -0,17 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0228 | 0,0228 | 24,00 | 0,00 |
| 15.07.2018 | 24,90 | 25,06 | -0,16 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0223 | 0,0223 | 24,00 | 0,00 |
| 16.07.2018 | 24,50 | 24,66 | -0,16 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0220 | 0,0220 | 24,00 | 0,00 |
| 17.07.2018 | 24,25 | 24,43 | -0,18 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0218 | 0,0218 | 24,00 | 0,00 |
| 18.07.2018 | 24,15 | 24,32 | -0,17 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0217 | 0,0217 | 24,00 | 0,00 |
| 19.07.2018 | 23,93 | 24,09 | -0,16 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0215 | 0,0215 | 24,00 | 0,00 |
| 20.07.2018 | 23,57 | 23,70 | -0,13 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0211 | 0,0211 | 24,00 | 0,00 |
| 21.07.2018 | 22,76 | 22,86 | -0,09 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0204 | 0,0204 | 24,00 | 0,00 |
| 22.07.2018 | 22,09 | 22,23 | -0,13 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0198 | 0,0198 | 24,00 | 0,00 |
| 23.07.2018 | 21,85 | 22,03 | -0,18 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0197 | 0,0197 | 24,00 | 0,00 |
| 24.07.2018 | 21,89 | 22,09 | -0,20 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0197 | 0,0197 | 24,00 | 0,00 |
| 25.07.2018 | 21,99 | 22,21 | -0,22 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0198 | 0,0198 | 24,00 | 0,00 |
| 26.07.2018 | 22,13 | 22,36 | -0,24 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0200 | 0,0200 | 24,00 | 0,00 |
| 27.07.2018 | 22,27 | 22,54 | -0,27 | 0,020 | 0,010 | 0,010 | 6,0 | 4,0 | 0,0000 | 0,0201 | 0,0201 | 24,00 | 0,00 |

| Дата | Температура (°C) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 28.07.2018 | 22,59 | 22,72 | -0,14 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0203 | 0,0203 | 24,00 | 0,00 |
| 29.07.2018 | 22,47 | 22,59 | -0,12 | 0,000 | 0,010 | -0,010 | 6,0 | 4,0 | 0,0000 | 0,0202 | 0,0202 | 24,00 | 0,00 |
| 30.07.2018 | 27,27 | 25,72 | 1,55 | 312,268 | 315,721 | -3,453 | 6,0 | 4,0 | 0,8887 | 0,0230 | 0,9116 | 24,00 | 0,00 |
| 31.07.2018 | 57,14 | 50,95 | 6,19 | 504,039 | 509,616 | -5,577 | 6,0 | 4,0 | 3,1345 | 0,0450 | 3,1794 | 24,00 | 0,00 |
| 01.08.2018 | 66,61 | 60,71 | 5,90 | 605,838 | 611,780 | -5,942 | 6,0 | 4,0 | 3,6046 | 0,0533 | 3,6579 | 24,00 | 0,00 |
| 02.08.2018 | 70,22 | 63,99 | 6,23 | 597,366 | 603,307 | -5,941 | 6,0 | 4,0 | 3,7271 | 0,0561 | 3,7831 | 24,00 | 0,00 |
| 03.08.2018 | 68,55 | 62,61 | 5,95 | 632,514 | 638,756 | -6,243 | 6,0 | 4,0 | 3,7674 | 0,0549 | 3,8223 | 24,00 | 0,00 |
| 04.08.2018 | 68,34 | 62,94 | 5,40 | 714,463 | 721,097 | -6,635 | 6,0 | 4,0 | 3,8765 | 0,0552 | 3,9316 | 24,00 | 0,00 |
| 05.08.2018 | 70,91 | 65,03 | 5,88 | 715,242 | 721,905 | -6,664 | 6,0 | 4,0 | 4,2281 | 0,0569 | 4,2850 | 24,00 | 0,00 |
| 06.08.2018 | 72,20 | 66,39 | 5,81 | 712,631 | 719,286 | -6,654 | 6,0 | 4,0 | 4,1643 | 0,0581 | 4,2223 | 24,00 | 0,00 |
| 07.08.2018 | 74,19 | 68,02 | 6,17 | 718,393 | 725,064 | -6,671 | 6,0 | 4,0 | 4,4581 | 0,0594 | 4,5176 | 24,00 | 0,00 |
| 08.08.2018 | 70,32 | 64,81 | 5,51 | 724,585 | 731,317 | -6,733 | 6,0 | 4,0 | 4,0183 | 0,0567 | 4,0750 | 24,00 | 0,00 |
| 09.08.2018 | 70,29 | 65,02 | 5,27 | 737,379 | 744,046 | -6,667 | 6,0 | 4,0 | 3,9131 | 0,0568 | 3,9698 | 23,93 | 0,07 |
| 10.08.2018 | 72,97 | 67,71 | 5,25 | 741,509 | 748,125 | -6,615 | 6,0 | 4,0 | 3,9218 | 0,0592 | 3,9810 | 24,00 | 0,00 |
| 11.08.2018 | 75,07 | 69,70 | 5,37 | 742,983 | 749,567 | -6,584 | 6,0 | 4,0 | 4,0121 | 0,0609 | 4,0729 | 24,00 | 0,00 |
| 12.08.2018 | 75,51 | 69,85 | 5,67 | 743,956 | 750,529 | -6,574 | 6,0 | 4,0 | 4,2420 | 0,0610 | 4,3029 | 24,00 | 0,00 |
| 13.08.2018 | 67,75 | 63,10 | 4,65 | 763,392 | 770,141 | -6,749 | 6,0 | 4,0 | 3,5760 | 0,0553 | 3,6312 | 24,00 | 0,00 |
| 14.08.2018 | 70,27 | 65,49 | 4,79 | 782,495 | 789,318 | -6,822 | 6,0 | 4,0 | 3,7751 | 0,0573 | 3,8324 | 24,00 | 0,00 |
| 15.08.2018 | 68,09 | 63,63 | 4,46 | 785,934 | 792,767 | -6,833 | 6,0 | 4,0 | 3,5317 | 0,0557 | 3,5874 | 24,00 | 0,00 |
| 16.08.2018 | 69,83 | 64,83 | 5,00 | 780,374 | 787,214 | -6,841 | 6,0 | 4,0 | 3,9337 | 0,0568 | 3,9904 | 24,00 | 0,00 |
| 17.08.2018 | 68,99 | 64,10 | 4,89 | 786,238 | 793,057 | -6,819 | 6,0 | 4,0 | 3,8745 | 0,0561 | 3,9306 | 24,00 | 0,00 |
| 18.08.2018 | 69,17 | 63,88 | 5,29 | 781,546 | 788,558 | -7,013 | 6,0 | 4,0 | 4,1606 | 0,0560 | 4,2166 | 24,00 | 0,00 |
| 19.08.2018 | 73,60 | 67,33 | 6,27 | 781,090 | 788,045 | -6,956 | 6,0 | 4,0 | 4,9261 | 0,0589 | 4,9850 | 24,00 | 0,00 |
| 20.08.2018 | 73,79 | 68,50 | 5,29 | 779,184 | 785,990 | -6,807 | 6,0 | 4,0 | 4,1464 | 0,0599 | 4,2062 | 24,00 | 0,00 |
| 21.08.2018 | 76,28 | 71,17 | 5,11 | 783,766 | 790,436 | -6,670 | 6,0 | 4,0 | 4,0313 | 0,0621 | 4,0934 | 24,00 | 0,00 |
| 22.08.2018 | 76,51 | 71,38 | 5,13 | 792,818 | 799,570 | -6,751 | 6,0 | 4,0 | 4,1046 | 0,0623 | 4,1669 | 24,00 | 0,00 |
| 23.08.2018 | 76,00 | 71,02 | 4,98 | 798,161 | 804,985 | -6,824 | 6,0 | 4,0 | 4,0011 | 0,0620 | 4,0631 | 24,00 | 0,00 |
| 24.08.2018 | 73,46 | 68,92 | 4,54 | 797,044 | 803,910 | -6,866 | 6,0 | 4,0 | 3,6478 | 0,0602 | 3,7080 | 24,00 | 0,00 |
| 25.08.2018 | 71,26 | 65,90 | 5,37 | 790,570 | 797,408 | -6,839 | 6,0 | 4,0 | 4,2707 | 0,0577 | 4,3283 | 24,00 | 0,00 |
| 26.08.2018 | 71,08 | 64,91 | 6,17 | 795,800 | 802,554 | -6,754 | 6,0 | 4,0 | 4,9360 | 0,0568 | 4,9928 | 24,00 | 0,00 |
| 27.08.2018 | 66,39 | 61,13 | 5,27 | 790,862 | 797,726 | -6,865 | 6,0 | 4,0 | 4,1928 | 0,0536 | 4,2465 | 24,00 | 0,00 |
| 28.08.2018 | 67,54 | 62,85 | 4,69 | 795,521 | 802,487 | -6,966 | 6,0 | 4,0 | 3,7601 | 0,0551 | 3,8151 | 24,00 | 0,00 |
| 29.08.2018 | 71,31 | 66,04 | 5,27 | 797,398 | 804,360 | -6,962 | 6,0 | 4,0 | 4,2265 | 0,0578 | 4,2843 | 24,00 | 0,00 |
| 30.08.2018 | 73,34 | 68,10 | 5,24 | 784,577 | 791,432 | -6,855 | 6,0 | 4,0 | 4,1371 | 0,0595 | 4,1966 | 24,00 | 0,00 |
| 31.08.2018 | 72,98 | 67,56 | 5,42 | 773,668 | 780,500 | -6,832 | 6,0 | 4,0 | 4,2193 | 0,0591 | 4,2783 | 24,00 | 0,00 |
| 01.09.2018 | 69,07 | 64,08 | 4,99 | 779,754 | 786,687 | -6,932 | 6,0 | 4,0 | 3,9121 | 0,0561 | 3,9682 | 24,00 | 0,00 |
| 02.09.2018 | 68,56 | 63,39 | 5,17 | 778,555 | 785,527 | -6,972 | 6,0 | 4,0 | 4,0520 | 0,0555 | 4,1076 | 24,00 | 0,00 |
| 03.09.2018 | 67,43 | 62,66 | 4,78 | 775,000 | 781,949 | -6,949 | 6,0 | 4,0 | 3,7267 | 0,0549 | 3,7816 | 24,00 | 0,00 |
| 04.09.2018 | 68,46 | 63,56 | 4,91 | 762,433 | 769,302 | -6,869 | 6,0 | 4,0 | 3,7487 | 0,0557 | 3,8044 | 24,00 | 0,00 |
| 05.09.2018 | 67,98 | 62,87 | 5,11 | 719,144 | 725,804 | -6,660 | 6,0 | 4,0 | 3,6912 | 0,0546 | 3,7458 | 23,78 | 0,22 |
| 06.09.2018 | 67,70 | 62,59 | 5,11 | 720,701 | 727,404 | -6,703 | 6,0 | 4,0 | 3,7063 | 0,0549 | 3,7612 | 24,00 | 0,00 |
| 07.09.2018 | 67,98 | 62,83 | 5,15 | 725,960 | 732,693 | -6,732 | 6,0 | 4,0 | 3,7593 | 0,0551 | 3,8144 | 24,00 | 0,00 |
| 08.09.2018 | 68,92 | 63,55 | 5,37 | 727,571 | 734,314 | -6,743 | 6,0 | 4,0 | 3,9297 | 0,0557 | 3,9854 | 24,00 | 0,00 |
| 09.09.2018 | 68,42 | 62,56 | 5,86 | 725,163 | 731,919 | -6,755 | 6,0 | 4,0 | 4,2673 | 0,0548 | 4,3221 | 24,00 | 0,00 |
| 10.09.2018 | 65,48 | 60,71 | 4,77 | 805,163 | 807,930 | -2,767 | 6,0 | 4,0 | 3,8963 | 0,0533 | 3,9496 | 24,00 | 0,00 |
| 11.09.2018 | 67,03 | 62,45 | 4,58 | 853,505 | 858,780 | -5,275 | 6,0 | 4,0 | 3,9418 | 0,0548 | 3,9965 | 24,00 | 0,00 |
| 12.09.2018 | 56,91 | 56,38 | 0,53 | 654,415 | 656,064 | -1,649 | 6,0 | 4,0 | 2,8826 | 0,0465 | 2,9291 | 22,52 | 1,48 |
| 13.09.2018 | 59,16 | 54,99 | 4,17 | 816,895 | 821,833 | -4,938 | 6,0 | 4,0 | 3,4123 | 0,0484 | 3,4607 | 24,00 | 0,00 |
| 14.09.2018 | 63,68 | 59,02 | 4,66 | 788,861 | 793,805 | -4,944 | 6,0 | 4,0 | 3,6980 | 0,0519 | 3,7499 | 24,00 | 0,00 |
| 15.09.2018 | 63,82 | 59,15 | 4,67 | 779,682 | 784,847 | -5,165 | 6,0 | 4,0 | 3,6624 | 0,0520 | 3,7144 | 24,00 | 0,00 |
| 16.09.2018 | 62,88 | 57,60 | 5,28 | 777,745 | 783,012 | -5,267 | 6,0 | 4,0 | 4,1302 | 0,0506 | 4,1809 | 24,00 | 0,00 |
| 17.09.2018 | 60,62 | 53,23 | 7,39 | 919,155 | 922,343 | -3,187 | 6,0 | 4,0 | 7,0878 | 0,0469 | 7,1347 | 24,00 | 0,00 |
| 18.09.2018 | 62,98 | 52,44 | 10,54 | 1015,184 | 1019,136 | -3,952 | 6,0 | 4,0 | 10,7308 | 0,0462 | 10,7770 | 24,00 | 0,00 |
| 19.09.2018 | 63,66 | 53,00 | 10,66 | 1078,917 | 1086,775 | -7,858 | 6,0 | 4,0 | 11,5446 | 0,0467 | 11,5913 | 24,00 | 0,00 |
| 20.09.2018 | 63,46 | 53,17 | 10,29 | 1152,519 | 1161,889 | -9,370 | 6,0 | 4,0 | 11,8925 | 0,0469 | 11,9394 | 24,00 | 0,00 |
| 21.09.2018 | 62,87 | 52,79 | 10,09 | 1166,378 | 1164,883 | 1,495 | 6,0 | 4,0 | 11,7800 | 0,0465 | 11,8266 | 24,00 | 0,00 |
| 22.09.2018 | 63,36 | 52,82 | 10,54 | 1160,630 | 1152,512 | 8,117 | 6,0 | 4,0 | 12,2532 | 0,0466 | 12,2998 | 24,00 | 0,00 |
| 23.09.2018 | 63,58 | 52,94 | 10,64 | 1155,536 | 1147,806 | 7,730 | 6,0 | 4,0 | 12,3171 | 0,0467 | 12,3638 | 24,00 | 0,00 |
| 24.09.2018 | 63,80 | 53,18 | 10,61 | 1158,266 | 1155,034 | 3,232 | 6,0 | 4,0 | 12,3187 | 0,0469 | 12,3655 | 24,00 | 0,00 |
| 25.09.2018 | 63,34 | 52,94 | 10,40 | 1160,945 | 1167,409 | -6,464 | 6,0 | 4,0 | 12,0983 | 0,0467 | 12,1450 | 24,00 | 0,00 |
| 26.09.2018 | 63,24 | 52,67 | 10,57 | 1158,438 | 1164,945 | -6,507 | 6,0 | 4,0 | 12,2575 | 0,0465 | 12,3039 | 24,00 | 0,00 |
| 27.09.2018 | 63,24 | 52,45 | 10,78 | 1152,164 | 1158,475 | -6,311 | 6,0 | 4,0 | 12,4486 | 0,0463 | 12,4949 | 24,00 | 0,00 |
| 28.09.2018 | 61,98 | 50,99 | 10,98 | 1144,893 | 1152,302 | -7,410 | 6,0 | 4,0 | 12,5910 | 0,0450 | 12,6360 | 24,00 | 0,00 |
| 29.09.2018 | 62,24 | 50,76 | 11,48 | 1143,672 | 1152,104 | -8,432 | 6,0 | 4,0 | 13,1536 | 0,0448 | 13,1984 | 24,00 | 0,00 |
| 30.09.2018 | 62,94 | 50,99 | 11,95 | 1142,923 | 1151,503 | -8,579 | 6,0 | 4,0 | 13,6825 | 0,0450 | 13,7275 | 24,00 | 0,00 |
| 01.10.2018 | 63,20 | 51,36 | 11,85 | 1125,022 | 1134,218 | -9,195 | 6,0 | 4,0 | 13,3398 | 0,0453 | 13,3851 | 24,00 | 0,00 |
| 02.10.2018 | 63,27 | 51,29 | 11,98 | 1101,601 | 1111,084 | -9,483 | 6,0 | 4,0 | 13,2126 | 0,0453 | 13,2579 | 24,00 | 0,00 |
| 03.10.2018 | 63,26 | 51,29 | 11,97 | 1086,024 | 1095,385 | -9,361 | 6,0 | 4,0 | 13,0089 | 0,0453 | 13,0541 | 24,00 | 0,00 |
| 04.10.2018 | 63,50 | 51,61 | 11,90 | 1082,187 | 1091,573 | -9,386 | 6,0 | 4,0 | 12,8945 | 0,0455 | 12,9401 | 24,00 | 0,00 |
| 05.10.2018 | 62,69 | 51,41 | 11,28 | 1087,061 | 1096,368 | -9,306 | 6,0 | 4,0 | 12,2794 | 0,0454 | 12,3248 | 24,00 | 0,00 |
| 06.10.2018 | 62,64 | 50,97 | 11,67 | 1088,775 | 1098,201 | -9,427 | 6,0 | 4,0 | 12,7195 | 0,0450 | 12,7645 | 24,00 | 0,00 |
| 07.10.2018 | 63,66 | 51,02 | 12,65 | 1080,864 | 1090,358 | -9,494 | 6,0 | 4,0 | 13,6853 | 0,0450 | 13,7303 | 24,00 | 0,00 |
| 08.10.2018 | 62,82 | 50,81 | 12,00 | 1084,312 | 1093,713 | -9,401 | 6,0 | 4,0 | 13,0354 | 0,0449 | 13,0803 | 24,00 | 0,00 |
| 09.10.2018 | 63,50 | 51,14 | 12,37 | 1090,974 | 1100,476 | -9,502 | 6,0 | 4,0 | 13,5124 | 0,0451 | 13,5575 | 24,00 | 0,00 |

| Дата | Температура (°C) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|---------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 10.10.2018 | 63,99 | 51,50 | 12,49 | 1099,205 | 1108,725 | -9,521 | 6,0 | 4,0 | 13,7448 | 0,0454 | 13,7902 | 24,00 | 0,00 |
| 11.10.2018 | 63,82 | 51,41 | 12,40 | 1095,474 | 1105,017 | -9,544 | 6,0 | 4,0 | 13,6011 | 0,0454 | 13,6464 | 24,00 | 0,00 |
| 12.10.2018 | 63,51 | 51,00 | 12,50 | 1079,223 | 1088,668 | -9,446 | 6,0 | 4,0 | 13,5047 | 0,0450 | 13,5497 | 24,00 | 0,00 |
| 13.10.2018 | 65,09 | 51,84 | 13,25 | 1081,971 | 1091,477 | -9,506 | 6,0 | 4,0 | 14,3533 | 0,0457 | 14,3990 | 24,00 | 0,00 |
| 14.10.2018 | 65,25 | 51,62 | 13,63 | 1087,513 | 1097,080 | -9,566 | 6,0 | 4,0 | 14,8385 | 0,0456 | 14,8840 | 24,00 | 0,00 |
| 15.10.2018 | 65,02 | 51,58 | 13,44 | 1075,635 | 1085,176 | -9,541 | 6,0 | 4,0 | 14,4786 | 0,0455 | 14,5241 | 24,00 | 0,00 |
| 16.10.2018 | 65,03 | 51,55 | 13,48 | 1074,684 | 1084,223 | -9,539 | 6,0 | 4,0 | 14,5041 | 0,0455 | 14,5496 | 24,00 | 0,00 |
| 17.10.2018 | 64,25 | 51,47 | 12,79 | 1117,031 | 1126,741 | -9,709 | 6,0 | 4,0 | 14,2930 | 0,0454 | 14,3384 | 24,00 | 0,00 |
| 18.10.2018 | 65,42 | 52,97 | 12,45 | 1195,188 | 1205,251 | -10,063 | 6,0 | 4,0 | 14,9148 | 0,0467 | 14,9615 | 24,00 | 0,00 |
| 19.10.2018 | 64,11 | 52,18 | 11,93 | 1200,557 | 1210,607 | -10,050 | 6,0 | 4,0 | 14,3487 | 0,0460 | 14,3948 | 24,00 | 0,00 |
| 20.10.2018 | 65,37 | 53,33 | 12,04 | 1206,418 | 1216,486 | -10,068 | 6,0 | 4,0 | 14,5526 | 0,0470 | 14,5996 | 24,00 | 0,00 |
| 21.10.2018 | 64,47 | 52,32 | 12,15 | 1206,318 | 1216,449 | -10,132 | 6,0 | 4,0 | 14,6802 | 0,0462 | 14,7264 | 24,00 | 0,00 |
| 22.10.2018 | 64,30 | 52,19 | 12,11 | 1211,991 | 1222,260 | -10,269 | 6,0 | 4,0 | 14,7058 | 0,0461 | 14,7519 | 24,00 | 0,00 |
| 23.10.2018 | 63,84 | 52,13 | 11,71 | 1217,682 | 1226,702 | -9,021 | 6,0 | 4,0 | 14,2823 | 0,0460 | 14,3283 | 24,00 | 0,00 |
| 24.10.2018 | 64,92 | 53,18 | 11,73 | 1227,085 | 1235,399 | -8,314 | 6,0 | 4,0 | 14,4254 | 0,0469 | 14,4723 | 24,00 | 0,00 |
| 25.10.2018 | 64,48 | 53,18 | 11,30 | 1249,326 | 1259,639 | -10,313 | 6,0 | 4,0 | 14,1489 | 0,0469 | 14,1958 | 24,00 | 0,00 |
| 26.10.2018 | 60,20 | 50,43 | 9,76 | 1283,153 | 1293,600 | -10,448 | 6,0 | 4,0 | 12,5391 | 0,0445 | 12,5836 | 24,00 | 0,00 |
| 27.10.2018 | 66,61 | 55,03 | 11,58 | 1335,454 | 1346,068 | -10,613 | 6,0 | 4,0 | 15,5045 | 0,0485 | 15,5530 | 24,00 | 0,00 |
| 28.10.2018 | 66,95 | 55,06 | 11,89 | 1339,217 | 1349,925 | -10,708 | 6,0 | 4,0 | 15,9641 | 0,0485 | 16,0126 | 24,00 | 0,00 |
| 29.10.2018 | 66,59 | 54,84 | 11,75 | 1333,068 | 1343,817 | -10,749 | 6,0 | 4,0 | 15,6996 | 0,0483 | 15,7479 | 24,00 | 0,00 |
| 30.10.2018 | 65,42 | 53,89 | 11,53 | 1323,310 | 1333,899 | -10,589 | 6,0 | 4,0 | 15,2935 | 0,0475 | 15,3410 | 24,00 | 0,00 |
| 31.10.2018 | 64,87 | 53,24 | 11,63 | 1319,817 | 1330,445 | -10,628 | 6,0 | 4,0 | 15,3806 | 0,0470 | 15,4276 | 24,00 | 0,00 |
| 01.11.2018 | 65,06 | 53,36 | 11,70 | 1321,850 | 1332,584 | -10,735 | 6,0 | 4,0 | 15,5048 | 0,0471 | 15,5518 | 24,00 | 0,00 |
| 02.11.2018 | 64,66 | 53,17 | 11,49 | 1323,922 | 1334,652 | -10,730 | 6,0 | 4,0 | 15,2480 | 0,0469 | 15,2949 | 24,00 | 0,00 |
| 03.11.2018 | 64,99 | 53,21 | 11,78 | 1322,301 | 1332,990 | -10,689 | 6,0 | 4,0 | 15,6110 | 0,0469 | 15,6579 | 24,00 | 0,00 |
| 04.11.2018 | 64,98 | 53,45 | 11,54 | 1322,188 | 1332,912 | -10,724 | 6,0 | 4,0 | 15,2874 | 0,0471 | 15,3346 | 24,00 | 0,00 |
| 05.11.2018 | 64,91 | 53,25 | 11,66 | 1323,031 | 1333,750 | -10,719 | 6,0 | 4,0 | 15,4541 | 0,0470 | 15,5010 | 24,00 | 0,00 |
| 06.11.2018 | 64,56 | 52,97 | 11,58 | 1319,680 | 1330,379 | -10,699 | 6,0 | 4,0 | 15,3215 | 0,0467 | 15,3683 | 24,00 | 0,00 |
| 07.11.2018 | 64,97 | 53,52 | 11,45 | 1320,452 | 1331,109 | -10,657 | 6,0 | 4,0 | 15,1541 | 0,0472 | 15,2013 | 24,00 | 0,00 |
| 08.11.2018 | 65,79 | 53,92 | 11,87 | 1314,066 | 1324,328 | -10,263 | 6,0 | 4,0 | 15,6311 | 0,0475 | 15,6786 | 24,00 | 0,00 |
| 09.11.2018 | 67,01 | 54,25 | 12,77 | 1282,209 | 1292,711 | -10,502 | 6,0 | 4,0 | 16,3991 | 0,0478 | 16,4469 | 24,00 | 0,00 |
| 10.11.2018 | 68,11 | 54,55 | 13,55 | 1274,550 | 1285,029 | -10,479 | 6,0 | 4,0 | 17,3079 | 0,0481 | 17,3560 | 24,00 | 0,00 |
| 11.11.2018 | 67,23 | 53,52 | 13,71 | 1274,804 | 1285,440 | -10,636 | 6,0 | 4,0 | 17,5105 | 0,0472 | 17,5577 | 24,00 | 0,00 |
| 12.11.2018 | 66,51 | 53,49 | 13,02 | 1286,376 | 1296,986 | -10,610 | 6,0 | 4,0 | 16,7790 | 0,0472 | 16,8262 | 24,00 | 0,00 |
| 13.11.2018 | 66,98 | 53,98 | 13,00 | 1286,977 | 1307,611 | -10,634 | 6,0 | 4,0 | 16,8974 | 0,0476 | 16,9450 | 24,00 | 0,00 |
| 14.11.2018 | 67,50 | 54,45 | 13,05 | 1302,134 | 1312,885 | -10,751 | 6,0 | 4,0 | 17,0296 | 0,0480 | 17,0776 | 24,00 | 0,00 |
| 15.11.2018 | 68,44 | 55,18 | 13,26 | 1298,344 | 1308,951 | -10,607 | 6,0 | 4,0 | 17,2493 | 0,0486 | 17,2979 | 24,00 | 0,00 |
| 16.11.2018 | 69,19 | 55,92 | 13,27 | 1298,368 | 1309,016 | -10,648 | 6,0 | 4,0 | 17,2664 | 0,0492 | 17,3157 | 24,00 | 0,00 |
| 17.11.2018 | 68,73 | 55,70 | 13,03 | 1304,525 | 1315,186 | -10,661 | 6,0 | 4,0 | 17,0371 | 0,0491 | 17,0861 | 24,00 | 0,00 |
| 18.11.2018 | 68,94 | 55,84 | 13,10 | 1305,375 | 1316,107 | -10,732 | 6,0 | 4,0 | 17,1380 | 0,0492 | 17,1872 | 24,00 | 0,00 |
| 19.11.2018 | 69,12 | 56,33 | 12,79 | 1304,779 | 1314,768 | -9,989 | 6,0 | 4,0 | 16,7216 | 0,0496 | 16,7712 | 24,00 | 0,00 |
| 20.11.2018 | 67,45 | 55,13 | 12,33 | 1301,890 | 1312,346 | -10,456 | 6,0 | 4,0 | 16,0849 | 0,0486 | 16,1334 | 24,00 | 0,00 |
| 21.11.2018 | 66,68 | 54,56 | 12,12 | 1297,311 | 1307,720 | -10,409 | 6,0 | 4,0 | 15,7574 | 0,0481 | 15,8055 | 24,00 | 0,00 |
| 22.11.2018 | 66,27 | 53,89 | 12,38 | 1289,357 | 1299,614 | -10,258 | 6,0 | 4,0 | 16,0008 | 0,0475 | 16,0483 | 24,00 | 0,00 |
| 23.11.2018 | 67,41 | 54,51 | 12,90 | 1286,977 | 1297,424 | -10,447 | 6,0 | 4,0 | 16,6325 | 0,0480 | 16,6806 | 24,00 | 0,00 |
| 24.11.2018 | 70,81 | 56,23 | 14,58 | 1275,017 | 1285,602 | -10,585 | 6,0 | 4,0 | 18,6259 | 0,0495 | 18,6754 | 24,00 | 0,00 |
| 25.11.2018 | 68,02 | 54,39 | 13,64 | 1286,302 | 1297,034 | -10,732 | 6,0 | 4,0 | 17,5788 | 0,0479 | 17,6268 | 24,00 | 0,00 |
| 26.11.2018 | 67,50 | 54,39 | 13,11 | 1286,299 | 1296,948 | -10,649 | 6,0 | 4,0 | 16,8884 | 0,0479 | 16,9363 | 24,00 | 0,00 |
| 27.11.2018 | 67,65 | 54,39 | 13,26 | 1280,631 | 1291,391 | -10,760 | 6,0 | 4,0 | 17,0150 | 0,0479 | 17,0629 | 24,00 | 0,00 |
| 28.11.2018 | 67,12 | 53,96 | 13,15 | 1276,852 | 1287,542 | -10,689 | 6,0 | 4,0 | 16,8275 | 0,0476 | 16,8751 | 24,00 | 0,00 |
| 29.11.2018 | 69,52 | 55,30 | 14,22 | 1256,907 | 1267,536 | -10,628 | 6,0 | 4,0 | 17,8834 | 0,0487 | 17,9321 | 24,00 | 0,00 |
| 30.11.2018 | 70,69 | 55,88 | 14,80 | 1249,389 | 1260,008 | -10,619 | 6,0 | 4,0 | 18,5298 | 0,0492 | 18,5790 | 24,00 | 0,00 |
| 01.12.2018 | 68,66 | 54,70 | 13,96 | 1274,760 | 1285,431 | -10,671 | 6,0 | 4,0 | 17,8269 | 0,0482 | 17,8751 | 24,00 | 0,00 |
| 02.12.2018 | 68,72 | 54,65 | 14,07 | 1276,826 | 1287,567 | -10,740 | 6,0 | 4,0 | 18,0020 | 0,0482 | 18,0501 | 24,00 | 0,00 |
| 03.12.2018 | 69,16 | 55,42 | 13,74 | 1284,777 | 1295,520 | -10,742 | 6,0 | 4,0 | 17,6972 | 0,0488 | 17,7460 | 24,00 | 0,00 |
| 04.12.2018 | 69,09 | 55,62 | 13,47 | 1290,522 | 1300,883 | -10,361 | 6,0 | 4,0 | 17,4243 | 0,0490 | 17,4733 | 24,00 | 0,00 |
| 05.12.2018 | 68,33 | 55,27 | 13,06 | 1294,845 | 1305,590 | -10,745 | 6,0 | 4,0 | 16,9478 | 0,0487 | 16,9965 | 24,00 | 0,00 |
| 06.12.2018 | 68,55 | 55,46 | 13,10 | 1305,393 | 1316,190 | -10,797 | 6,0 | 4,0 | 17,1317 | 0,0489 | 17,1806 | 24,00 | 0,00 |
| 07.12.2018 | 68,90 | 55,83 | 13,08 | 1309,729 | 1320,563 | -10,834 | 6,0 | 4,0 | 17,1613 | 0,0492 | 17,2105 | 24,00 | 0,00 |
| 08.12.2018 | 69,42 | 55,78 | 13,64 | 1303,281 | 1314,164 | -10,883 | 6,0 | 4,0 | 17,8163 | 0,0491 | 17,8654 | 24,00 | 0,00 |
| 09.12.2018 | 69,96 | 56,03 | 13,92 | 1306,654 | 1317,414 | -10,761 | 6,0 | 4,0 | 18,2333 | 0,0493 | 18,2826 | 24,00 | 0,00 |
| 10.12.2018 | 68,54 | 55,05 | 13,49 | 1205,791 | 1215,559 | -9,768 | 6,0 | 4,0 | 17,2461 | 0,0485 | 17,2946 | 24,00 | 0,00 |
| 11.12.2018 | 69,31 | 55,92 | 13,39 | 1313,752 | 1324,605 | -10,853 | 6,0 | 4,0 | 17,6280 | 0,0493 | 17,6772 | 24,00 | 0,00 |
| 12.12.2018 | 69,41 | 56,23 | 13,18 | 1275,520 | 1286,046 | -10,526 | 6,0 | 4,0 | 16,8639 | 0,0478 | 16,9117 | 23,18 | 0,82 |
| 13.12.2018 | 69,51 | 56,37 | 13,14 | 1320,887 | 1331,853 | -10,967 | 6,0 | 4,0 | 17,3934 | 0,0496 | 17,4430 | 24,00 | 0,00 |
| 14.12.2018 | 69,58 | 56,14 | 13,45 | 1308,508 | 1319,496 | -10,988 | 6,0 | 4,0 | 17,6308 | 0,0494 | 17,6802 | 24,00 | 0,00 |
| 15.12.2018 | 69,89 | 56,09 | 13,80 | 1301,452 | 1312,446 | -10,994 | 6,0 | 4,0 | 17,9947 | 0,0494 | 18,0441 | 24,00 | 0,00 |
| 16.12.2018 | 69,64 | 55,81 | 13,83 | 1306,226 | 1317,153 | -10,927 | 6,0 | 4,0 | 18,1010 | 0,0492 | 18,1501 | 24,00 | 0,00 |
| 17.12.2018 | 69,80 | 55,93 | 13,87 | 1296,394 | 1307,212 | -10,819 | 6,0 | 4,0 | 18,0126 | 0,0493 | 18,0619 | 24,00 | 0,00 |
| 18.12.2018 | 69,20 | 55,65 | 13,55 | 1290,229 | 1300,948 | -10,719 | 6,0 | 4,0 | 17,5114 | 0,0490 | 17,5604 | 24,00 | 0,00 |
| 19.12.2018 | 69,29 | 55,51 | 13,78 | 1286,462 | 1297,285 | -10,822 | 6,0 | 4,0 | 17,7587 | 0,0489 | 17,8076 | 24,00 | 0,00 |
| 20.12.2018 | 73,69 | 58,11 | 15,58 | 1281,673 | 1292,457 | -10,784 | 6,0 | 4,0 | 20,0090 | 0,0511 | 20,0602 | 24,00 | 0,00 |
| 21.12.2018 | 74,39 | 58,65 | 15,74 | 1270,595 | 1281,344 | -10,749 | 6,0 | 4,0 | 20,0332 | 0,0516 | 20,0848 | 24,00 | 0,00 |
| 22.12.2018 | 71,99 | 56,91 | 15,08 | 1190,081 | 1200,050 | -9,969 | 6,0 | 4,0 | 17,9699 | 0,0473 | 18,0171 | 22,63 | 1,37 |

| Дата | Температура (°C) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|--------------|------------------|----------------|-------|----------------|----------------|-----------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 23.12.2018 | 74,46 | 58,30 | 16,16 | 1261,463 | 1271,948 | -10,485 | 6,0 | 4,0 | 20,4326 | 0,0513 | 20,4839 | 24,00 | 0,00 |
| 24.12.2018 | 81,99 | 63,41 | 18,57 | 1253,687 | 1264,214 | -10,527 | 6,0 | 4,0 | 23,3355 | 0,0556 | 23,3911 | 24,00 | 0,00 |
| 25.12.2018 | 81,14 | 62,29 | 18,85 | 1244,389 | 1254,975 | -10,586 | 6,0 | 4,0 | 23,5060 | 0,0547 | 23,5606 | 24,00 | 0,00 |
| 26.12.2018 | 81,24 | 62,07 | 19,17 | 1240,651 | 1251,236 | -10,586 | 6,0 | 4,0 | 23,8319 | 0,0545 | 23,8863 | 24,00 | 0,00 |
| 27.12.2018 | 81,01 | 62,23 | 18,79 | 1245,167 | 1255,792 | -10,626 | 6,0 | 4,0 | 23,4445 | 0,0546 | 23,4991 | 24,00 | 0,00 |
| 28.12.2018 | 77,55 | 60,57 | 16,98 | 1270,136 | 1280,879 | -10,743 | 6,0 | 4,0 | 21,6123 | 0,0532 | 21,6655 | 24,00 | 0,00 |
| 29.12.2018 | 74,72 | 58,93 | 15,79 | 1283,398 | 1294,245 | -10,847 | 6,0 | 4,0 | 20,3071 | 0,0518 | 20,3589 | 24,00 | 0,00 |
| 30.12.2018 | 74,12 | 58,00 | 16,12 | 1278,928 | 1289,793 | -10,866 | 6,0 | 4,0 | 20,6545 | 0,0510 | 20,7056 | 24,00 | 0,00 |
| 31.12.2018 | 73,74 | 57,55 | 16,19 | 1287,636 | 1298,477 | -10,841 | 6,0 | 4,0 | 20,8944 | 0,0506 | 20,9450 | 24,00 | 0,00 |
| Итого | 65,39 | 55,35 | 10,05 | 388347,659 | 391496,914 | -3149,255 | 6,00 | 4,00 | 4434,97 24 | 17,7534 | 4452,725 8 | 8750,40 | 9,60 |

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Пинигин А.В.
т. (34365) 4-21-75

Представитель обслуживающей организации: