



Ведомость учета отпуска тепловой энергии за период с 01.01.2019 по 31.12.2019

Потребитель: **ООО "Жилсервис" (Орбита-2004)**Объект: **ул. Челюскинцев, д. 32/1**

| | | | |
|--|------------------|-----------|------------|
| Система отопления: двухтрубная зависимая | КАРАТ-306-2 | 06443116 | 21.02.2021 |
| Расчетная формула тепловой энергии: $Q = G^2 \times (T^1 - T^2) / 10000$, Гкал | МастерФлоу МФ-32 | 032174616 | 27.09.2020 |
| Гот= 13,66 тн/час | МастерФлоу МФ-32 | 032223416 | 13.10.2020 |
| Q= 0,3415 Гкал/час | КТСП-Н | 7388 | 09.03.2021 |

| 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 _н | Q _γ | Q _Σ | штатное | нештат. |
| 01.01.2019 | 68,46 | 55,68 | 12,78 | 354,517 | 347,372 | 7,145 | 6,0 | 4,0 | 4,5391 | 0,0134 | 4,5524 | 24,00 | 0,00 |
| 02.01.2019 | 67,08 | 54,88 | 12,20 | 354,620 | 347,503 | 7,117 | 6,0 | 4,0 | 4,3342 | 0,0132 | 4,3473 | 24,00 | 0,00 |
| 03.01.2019 | 64,92 | 53,58 | 11,34 | 354,912 | 347,736 | 7,176 | 6,0 | 4,0 | 4,0320 | 0,0128 | 4,0448 | 24,00 | 0,00 |
| 04.01.2019 | 65,16 | 53,86 | 11,30 | 354,796 | 347,568 | 7,229 | 6,0 | 4,0 | 4,0171 | 0,0129 | 4,0300 | 24,00 | 0,00 |
| 05.01.2019 | 64,78 | 53,56 | 11,22 | 354,764 | 347,384 | 7,380 | 6,0 | 4,0 | 3,9878 | 0,0128 | 4,0006 | 24,00 | 0,00 |
| 06.01.2019 | 63,91 | 52,80 | 11,11 | 354,377 | 347,121 | 7,257 | 6,0 | 4,0 | 3,9444 | 0,0126 | 3,9570 | 24,00 | 0,00 |
| 07.01.2019 | 64,92 | 53,48 | 11,44 | 354,013 | 346,743 | 7,269 | 6,0 | 4,0 | 4,0593 | 0,0128 | 4,0721 | 24,00 | 0,00 |
| 08.01.2019 | 64,71 | 53,14 | 11,57 | 353,589 | 346,292 | 7,296 | 6,0 | 4,0 | 4,1000 | 0,0127 | 4,1127 | 24,00 | 0,00 |
| 09.01.2019 | 65,13 | 53,35 | 11,79 | 353,743 | 346,211 | 7,532 | 6,0 | 4,0 | 4,1780 | 0,0128 | 4,1907 | 24,00 | 0,00 |
| 10.01.2019 | 65,10 | 53,36 | 11,74 | 354,396 | 346,813 | 7,582 | 6,0 | 4,0 | 4,1685 | 0,0128 | 4,1812 | 24,00 | 0,00 |
| 11.01.2019 | 64,16 | 52,72 | 11,43 | 354,017 | 346,407 | 7,610 | 6,0 | 4,0 | 4,0554 | 0,0126 | 4,0680 | 24,03 | -0,03 |
| 12.01.2019 | 63,85 | 52,52 | 11,33 | 353,047 | 345,544 | 7,503 | 6,0 | 4,0 | 4,0081 | 0,0125 | 4,0206 | 24,00 | 0,00 |
| 13.01.2019 | 63,30 | 52,39 | 10,91 | 353,549 | 346,098 | 7,452 | 6,0 | 4,0 | 3,8645 | 0,0125 | 3,8770 | 24,00 | 0,00 |
| 14.01.2019 | 63,12 | 52,34 | 10,78 | 353,562 | 346,080 | 7,482 | 6,0 | 4,0 | 3,8181 | 0,0125 | 3,8306 | 24,00 | 0,00 |
| 15.01.2019 | 63,76 | 52,68 | 11,07 | 353,851 | 346,390 | 7,461 | 6,0 | 4,0 | 3,9252 | 0,0126 | 3,9378 | 24,00 | 0,00 |
| 16.01.2019 | 63,25 | 52,46 | 10,79 | 354,094 | 346,660 | 7,434 | 6,0 | 4,0 | 3,8290 | 0,0125 | 3,8415 | 24,00 | 0,00 |
| 17.01.2019 | 63,69 | 52,72 | 10,97 | 354,155 | 346,663 | 7,491 | 6,0 | 4,0 | 3,8919 | 0,0126 | 3,9045 | 24,00 | 0,00 |
| 18.01.2019 | 63,61 | 52,71 | 10,90 | 354,035 | 346,599 | 7,436 | 6,0 | 4,0 | 3,8659 | 0,0126 | 3,8784 | 24,00 | 0,00 |
| 19.01.2019 | 63,50 | 52,73 | 10,77 | 354,262 | 346,814 | 7,448 | 6,0 | 4,0 | 3,8243 | 0,0126 | 3,8369 | 24,00 | 0,00 |
| 20.01.2019 | 62,90 | 52,45 | 10,46 | 354,381 | 346,908 | 7,473 | 6,0 | 4,0 | 3,7129 | 0,0125 | 3,7254 | 24,00 | 0,00 |
| 21.01.2019 | 63,90 | 53,06 | 10,84 | 360,576 | 352,934 | 7,642 | 6,0 | 4,0 | 3,9177 | 0,0127 | 3,9304 | 24,00 | 0,00 |
| 22.01.2019 | 64,21 | 53,37 | 10,83 | 364,212 | 356,526 | 7,686 | 6,0 | 4,0 | 3,9540 | 0,0128 | 3,9668 | 24,00 | 0,00 |
| 23.01.2019 | 65,23 | 53,78 | 11,46 | 363,559 | 355,839 | 7,720 | 6,0 | 4,0 | 4,1736 | 0,0129 | 4,1865 | 24,00 | 0,00 |
| 24.01.2019 | 69,07 | 56,20 | 12,86 | 362,845 | 355,183 | 7,661 | 6,0 | 4,0 | 4,6769 | 0,0135 | 4,6904 | 24,00 | 0,00 |
| 25.01.2019 | 67,95 | 55,43 | 12,52 | 362,929 | 355,261 | 7,668 | 6,0 | 4,0 | 4,5509 | 0,0133 | 4,5642 | 24,00 | 0,00 |
| 26.01.2019 | 67,59 | 55,11 | 12,48 | 362,806 | 355,070 | 7,737 | 6,0 | 4,0 | 4,5359 | 0,0132 | 4,5491 | 24,00 | 0,00 |
| 27.01.2019 | 69,70 | 56,41 | 13,30 | 362,880 | 355,073 | 7,808 | 6,0 | 4,0 | 4,8345 | 0,0136 | 4,8481 | 24,00 | 0,00 |
| 28.01.2019 | 69,61 | 56,35 | 13,26 | 362,860 | 354,980 | 7,880 | 6,0 | 4,0 | 4,8199 | 0,0136 | 4,8335 | 24,00 | 0,00 |
| 29.01.2019 | 69,75 | 56,52 | 13,23 | 362,556 | 354,652 | 7,904 | 6,0 | 4,0 | 4,8063 | 0,0136 | 4,8199 | 24,00 | 0,00 |
| 30.01.2019 | 66,47 | 54,46 | 12,01 | 362,647 | 354,756 | 7,891 | 6,0 | 4,0 | 4,3639 | 0,0131 | 4,3770 | 24,00 | 0,00 |
| 31.01.2019 | 68,09 | 55,38 | 12,72 | 362,639 | 354,584 | 8,054 | 6,0 | 4,0 | 4,6214 | 0,0133 | 4,6347 | 24,00 | 0,00 |
| 01.02.2019 | 63,71 | 52,50 | 11,22 | 362,912 | 354,831 | 8,081 | 6,0 | 4,0 | 4,0780 | 0,0125 | 4,0906 | 24,00 | 0,00 |
| 02.02.2019 | 67,09 | 54,80 | 12,29 | 362,926 | 355,012 | 7,914 | 6,0 | 4,0 | 4,4696 | 0,0131 | 4,4828 | 24,00 | 0,00 |
| 03.02.2019 | 70,42 | 56,92 | 13,50 | 362,159 | 354,252 | 7,907 | 6,0 | 4,0 | 4,8996 | 0,0137 | 4,9133 | 24,00 | 0,00 |
| 04.02.2019 | 75,54 | 60,15 | 15,39 | 361,380 | 353,452 | 7,928 | 6,0 | 4,0 | 5,5719 | 0,0146 | 5,5865 | 24,00 | 0,00 |
| 05.02.2019 | 78,69 | 62,14 | 16,54 | 360,662 | 352,636 | 8,026 | 6,0 | 4,0 | 5,9802 | 0,0151 | 5,9953 | 24,00 | 0,00 |
| 06.02.2019 | 77,46 | 61,53 | 15,94 | 360,852 | 352,761 | 8,091 | 6,0 | 4,0 | 5,7627 | 0,0149 | 5,7776 | 24,00 | 0,00 |
| 07.02.2019 | 75,66 | 60,32 | 15,34 | 360,724 | 352,652 | 8,072 | 6,0 | 4,0 | 5,5470 | 0,0146 | 5,5616 | 24,00 | 0,00 |
| 08.02.2019 | 71,34 | 57,58 | 13,75 | 361,748 | 353,675 | 8,073 | 6,0 | 4,0 | 4,9848 | 0,0139 | 4,9987 | 24,00 | 0,00 |
| 09.02.2019 | 68,84 | 55,97 | 12,87 | 362,260 | 354,236 | 8,024 | 6,0 | 4,0 | 4,6725 | 0,0135 | 4,6859 | 24,00 | 0,00 |
| 10.02.2019 | 67,89 | 55,66 | 12,23 | 362,975 | 354,926 | 8,049 | 6,0 | 4,0 | 4,4495 | 0,0134 | 4,4629 | 24,00 | 0,00 |
| 11.02.2019 | 65,50 | 54,24 | 11,26 | 363,210 | 355,171 | 8,039 | 6,0 | 4,0 | 4,0992 | 0,0130 | 4,1122 | 24,00 | 0,00 |
| 12.02.2019 | 63,02 | 52,48 | 10,55 | 363,429 | 355,434 | 7,995 | 6,0 | 4,0 | 3,8401 | 0,0125 | 3,8527 | 24,00 | 0,00 |
| 13.02.2019 | 63,13 | 52,62 | 10,50 | 364,208 | 356,147 | 8,061 | 6,0 | 4,0 | 3,8330 | 0,0126 | 3,8456 | 24,00 | 0,00 |
| 14.02.2019 | 63,16 | 52,79 | 10,37 | 365,050 | 356,958 | 8,092 | 6,0 | 4,0 | 3,7950 | 0,0126 | 3,8076 | 24,00 | 0,00 |
| 15.02.2019 | 63,89 | 53,38 | 10,51 | 365,293 | 357,203 | 8,090 | 6,0 | 4,0 | 3,8465 | 0,0128 | 3,8593 | 24,03 | -0,03 |
| 16.02.2019 | 61,80 | 51,80 | 10,01 | 364,958 | 356,843 | 8,115 | 6,0 | 4,0 | 3,6590 | 0,0123 | 3,6714 | 24,00 | 0,00 |
| 17.02.2019 | 63,26 | 52,88 | 10,39 | 364,802 | 356,743 | 8,059 | 6,0 | 4,0 | 3,7962 | 0,0126 | 3,8088 | 24,00 | 0,00 |
| 18.02.2019 | 63,21 | 53,02 | 10,19 | 367,882 | 359,738 | 8,144 | 6,0 | 4,0 | 3,7576 | 0,0127 | 3,7702 | 24,00 | 0,00 |
| 19.02.2019 | 63,24 | 52,92 | 10,32 | 369,357 | 361,188 | 8,169 | 6,0 | 4,0 | 3,8203 | 0,0126 | 3,8329 | 24,00 | 0,00 |
| 20.02.2019 | 63,97 | 53,25 | 10,72 | 368,533 | 360,412 | 8,121 | 6,0 | 4,0 | 3,9594 | 0,0127 | 3,9721 | 24,00 | 0,00 |
| 21.02.2019 | 62,90 | 52,46 | 10,44 | 368,897 | 360,786 | 8,110 | 6,0 | 4,0 | 3,8587 | 0,0125 | 3,8712 | 24,00 | 0,00 |
| 22.02.2019 | 63,82 | 53,35 | 10,47 | 369,617 | 361,479 | 8,138 | 6,0 | 4,0 | 3,8785 | 0,0128 | 3,8913 | 24,00 | 0,00 |
| 23.02.2019 | 63,59 | 53,24 | 10,36 | 369,664 | 361,587 | 8,077 | 6,0 | 4,0 | 3,8363 | 0,0127 | 3,8490 | 24,00 | 0,00 |
| 24.02.2019 | 63,16 | 52,79 | 10,38 | 369,439 | 361,334 | 8,105 | 6,0 | 4,0 | 3,8409 | 0,0126 | 3,8535 | 24,00 | 0,00 |
| 25.02.2019 | 62,88 | 52,62 | 10,26 | 369,340 | 361,251 | 8,089 | 6,0 | 4,0 | 3,7984 | 0,0126 | 3,8110 | 24,00 | 0,00 |
| 26.02.2019 | 62,53 | 52,38 | 10,15 | 369,341 | 361,267 | 8,074 | 6,0 | 4,0 | 3,7569 | 0,0125 | 3,7694 | 24,00 | 0,00 |
| 27.02.2019 | 63,06 | 52,82 | 10,24 | 369,720 | 361,654 | 8,067 | 6,0 | 4,0 | 3,7933 | 0,0126 | 3,8060 | 24,00 | 0,00 |
| 28.02.2019 | 63,13 | 52,97 | 10,16 | 369,858 | 361,701 | 8,157 | 6,0 | 4,0 | 3,7646 | 0,0127 | 3,7772 | 24,00 | 0,00 |
| 01.03.2019 | 63,37 | 53,25 | 10,11 | 370,137 | 361,870 | 8,267 | 6,0 | 4,0 | 3,7514 | 0,0127 | 3,7641 | 24,00 | 0,00 |
| 02.03.2019 | 62,77 | 52,84 | 9,92 | 370,446 | 362,186 | 8,260 | 6,0 | 4,0 | 3,6843 | 0,0126 | 3,6969 | 24,00 | 0,00 |
| 03.03.2019 | 63,29 | 53,22 | 10,07 | 370,287 | 362,075 | 8,212 | 6,0 | 4,0 | 3,7357 | 0,0127 | 3,7485 | 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. |
| 04.03.2019 | 62,86 | 52,83 | 10,03 | 373,928 | 365,607 | 8,321 | 6,0 | 4,0 | 3,7572 | 0,0126 | 3,7698 | 24,00 | 0,00 |
| 05.03.2019 | 59,35 | 50,82 | 8,53 | 417,050 | 407,939 | 9,112 | 6,0 | 4,0 | 3,4699 | 0,0121 | 3,4820 | 24,00 | 0,00 |
| 06.03.2019 | 55,28 | 48,44 | 6,84 | 460,741 | 451,242 | 9,499 | 6,0 | 4,0 | 3,1364 | 0,0115 | 3,1479 | 24,00 | 0,00 |
| 07.03.2019 | 54,52 | 48,11 | 6,41 | 469,931 | 460,751 | 9,180 | 6,0 | 4,0 | 3,0217 | 0,0114 | 3,0331 | 24,00 | 0,00 |
| 08.03.2019 | 54,45 | 47,81 | 6,64 | 468,400 | 459,374 | 9,026 | 6,0 | 4,0 | 3,1198 | 0,0113 | 3,1311 | 24,00 | 0,00 |
| 09.03.2019 | 55,05 | 48,39 | 6,66 | 468,572 | 459,609 | 8,963 | 6,0 | 4,0 | 3,1294 | 0,0114 | 3,1408 | 24,00 | 0,00 |
| 10.03.2019 | 54,53 | 48,16 | 6,38 | 468,677 | 459,773 | 8,904 | 6,0 | 4,0 | 2,9968 | 0,0114 | 3,0082 | 24,00 | 0,00 |
| 11.03.2019 | 54,95 | 48,53 | 6,42 | 470,148 | 461,746 | 8,402 | 6,0 | 4,0 | 3,0269 | 0,0115 | 3,0384 | 24,00 | 0,00 |
| 12.03.2019 | 55,06 | 48,69 | 6,37 | 471,612 | 463,471 | 8,141 | 6,0 | 4,0 | 3,0140 | 0,0115 | 3,0255 | 24,00 | 0,00 |
| 13.03.2019 | 55,34 | 48,18 | 7,15 | 421,468 | 414,623 | 6,845 | 6,0 | 4,0 | 3,0037 | 0,0114 | 3,0151 | 24,00 | 0,00 |
| 14.03.2019 | 55,88 | 48,17 | 7,71 | 392,933 | 386,622 | 6,311 | 6,0 | 4,0 | 3,0367 | 0,0114 | 3,0480 | 24,00 | 0,00 |
| 15.03.2019 | 54,75 | 47,25 | 7,50 | 393,159 | 386,846 | 6,313 | 6,0 | 4,0 | 2,9552 | 0,0112 | 2,9664 | 24,00 | 0,00 |
| 16.03.2019 | 54,80 | 47,17 | 7,62 | 393,134 | 386,858 | 6,276 | 6,0 | 4,0 | 3,0044 | 0,0111 | 3,0155 | 24,00 | 0,00 |
| 17.03.2019 | 55,26 | 47,57 | 7,69 | 393,195 | 386,857 | 6,338 | 6,0 | 4,0 | 3,0290 | 0,0112 | 3,0403 | 24,00 | 0,00 |
| 18.03.2019 | 55,54 | 47,87 | 7,66 | 393,587 | 387,273 | 6,314 | 6,0 | 4,0 | 3,0227 | 0,0113 | 3,0341 | 24,03 | -0,03 |
| 19.03.2019 | 56,21 | 48,41 | 7,79 | 393,966 | 387,698 | 6,268 | 6,0 | 4,0 | 3,0778 | 0,0115 | 3,0893 | 24,00 | 0,00 |
| 20.03.2019 | 55,93 | 48,27 | 7,66 | 394,405 | 388,093 | 6,312 | 6,0 | 4,0 | 3,0276 | 0,0114 | 3,0391 | 24,00 | 0,00 |
| 21.03.2019 | 56,04 | 48,49 | 7,55 | 398,037 | 391,646 | 6,391 | 6,0 | 4,0 | 3,0132 | 0,0115 | 3,0247 | 24,00 | 0,00 |
| 22.03.2019 | 57,51 | 49,69 | 7,82 | 402,382 | 396,005 | 6,377 | 6,0 | 4,0 | 3,1543 | 0,0118 | 3,1661 | 24,00 | 0,00 |
| 23.03.2019 | 64,09 | 54,76 | 9,33 | 399,410 | 393,081 | 6,329 | 6,0 | 4,0 | 3,7357 | 0,0131 | 3,7488 | 24,00 | 0,00 |
| 24.03.2019 | 59,17 | 51,12 | 8,05 | 402,169 | 395,763 | 6,406 | 6,0 | 4,0 | 3,2444 | 0,0122 | 3,2566 | 24,00 | 0,00 |
| 25.03.2019 | 56,39 | 49,02 | 7,37 | 402,433 | 396,110 | 6,323 | 6,0 | 4,0 | 2,9743 | 0,0116 | 2,9859 | 24,00 | 0,00 |
| 26.03.2019 | 54,90 | 47,88 | 7,02 | 402,724 | 396,370 | 6,354 | 6,0 | 4,0 | 2,8356 | 0,0113 | 2,8469 | 24,00 | 0,00 |
| 27.03.2019 | 54,91 | 47,76 | 7,15 | 402,419 | 396,087 | 6,332 | 6,0 | 4,0 | 2,8843 | 0,0113 | 2,8956 | 24,00 | 0,00 |
| 28.03.2019 | 55,38 | 48,13 | 7,25 | 400,826 | 394,483 | 6,343 | 6,0 | 4,0 | 2,9112 | 0,0114 | 2,9226 | 24,00 | 0,00 |
| 29.03.2019 | 55,22 | 48,06 | 7,16 | 402,284 | 395,973 | 6,311 | 6,0 | 4,0 | 2,8864 | 0,0114 | 2,8978 | 24,00 | 0,00 |
| 30.03.2019 | 54,87 | 47,77 | 7,10 | 403,861 | 397,474 | 6,387 | 6,0 | 4,0 | 2,8741 | 0,0113 | 2,8854 | 24,00 | 0,00 |
| 31.03.2019 | 54,88 | 47,80 | 7,08 | 404,310 | 397,862 | 6,448 | 6,0 | 4,0 | 2,8698 | 0,0113 | 2,8811 | 24,00 | 0,00 |
| 01.04.2019 | 54,96 | 47,89 | 7,07 | 403,247 | 396,833 | 6,413 | 6,0 | 4,0 | 2,8587 | 0,0113 | 2,8700 | 24,00 | 0,00 |
| 02.04.2019 | 55,50 | 48,36 | 7,14 | 403,529 | 397,148 | 6,381 | 6,0 | 4,0 | 2,8871 | 0,0114 | 2,8985 | 24,00 | 0,00 |
| 03.04.2019 | 55,54 | 48,33 | 7,21 | 402,932 | 396,571 | 6,361 | 6,0 | 4,0 | 2,9117 | 0,0114 | 2,9231 | 24,00 | 0,00 |
| 04.04.2019 | 55,46 | 48,39 | 7,07 | 407,229 | 400,834 | 6,395 | 6,0 | 4,0 | 2,8860 | 0,0115 | 2,8974 | 24,00 | 0,00 |
| 05.04.2019 | 55,73 | 48,66 | 7,06 | 408,318 | 401,901 | 6,417 | 6,0 | 4,0 | 2,8914 | 0,0115 | 2,9030 | 24,00 | 0,00 |
| 06.04.2019 | 55,98 | 48,99 | 6,99 | 410,006 | 403,588 | 6,418 | 6,0 | 4,0 | 2,8749 | 0,0116 | 2,8865 | 24,00 | 0,00 |
| 07.04.2019 | 55,93 | 49,07 | 6,86 | 411,819 | 405,388 | 6,431 | 6,0 | 4,0 | 2,8321 | 0,0116 | 2,8437 | 24,00 | 0,00 |
| 08.04.2019 | 56,79 | 49,84 | 6,95 | 423,136 | 416,547 | 6,589 | 6,0 | 4,0 | 2,9476 | 0,0118 | 2,9594 | 24,00 | 0,00 |
| 09.04.2019 | 57,00 | 49,92 | 7,07 | 410,552 | 404,306 | 6,246 | 6,0 | 4,0 | 2,9135 | 0,0119 | 2,9253 | 24,00 | 0,00 |
| 10.04.2019 | 55,99 | 49,20 | 6,78 | 406,608 | 400,349 | 6,259 | 6,0 | 4,0 | 2,7634 | 0,0117 | 2,7750 | 24,00 | 0,00 |
| 11.04.2019 | 53,83 | 47,63 | 6,20 | 411,353 | 405,084 | 6,269 | 6,0 | 4,0 | 2,5561 | 0,0112 | 2,5674 | 24,00 | 0,00 |
| 12.04.2019 | 54,02 | 47,84 | 6,17 | 406,844 | 400,770 | 6,074 | 6,0 | 4,0 | 2,5191 | 0,0113 | 2,5304 | 24,00 | 0,00 |
| 13.04.2019 | 54,52 | 47,97 | 6,55 | 401,621 | 395,568 | 6,053 | 6,0 | 4,0 | 2,6371 | 0,0113 | 2,6485 | 24,00 | 0,00 |
| 14.04.2019 | 53,71 | 47,08 | 6,63 | 398,842 | 392,869 | 5,973 | 6,0 | 4,0 | 2,6505 | 0,0111 | 2,6616 | 24,00 | 0,00 |
| 15.04.2019 | 54,05 | 47,29 | 6,76 | 398,388 | 392,367 | 6,022 | 6,0 | 4,0 | 2,6981 | 0,0112 | 2,7093 | 24,00 | 0,00 |
| 16.04.2019 | 52,78 | 46,31 | 6,48 | 399,024 | 393,078 | 5,946 | 6,0 | 4,0 | 2,5907 | 0,0109 | 2,6016 | 24,00 | 0,00 |
| 17.04.2019 | 51,93 | 45,26 | 6,66 | 394,157 | 388,329 | 5,827 | 6,0 | 4,0 | 2,6325 | 0,0106 | 2,6432 | 24,00 | 0,00 |
| 18.04.2019 | 53,37 | 46,33 | 7,04 | 391,928 | 386,138 | 5,791 | 6,0 | 4,0 | 2,7660 | 0,0109 | 2,7769 | 24,00 | 0,00 |
| 19.04.2019 | 53,07 | 46,27 | 6,80 | 392,834 | 387,001 | 5,833 | 6,0 | 4,0 | 2,6785 | 0,0109 | 2,6894 | 24,00 | 0,00 |
| 20.04.2019 | 53,51 | 46,62 | 6,89 | 389,973 | 384,184 | 5,789 | 6,0 | 4,0 | 2,6922 | 0,0110 | 2,7032 | 24,03 | -0,03 |
| 21.04.2019 | 52,66 | 46,10 | 6,55 | 390,927 | 385,081 | 5,846 | 6,0 | 4,0 | 2,5679 | 0,0108 | 2,5787 | 24,00 | 0,00 |
| 22.04.2019 | 53,72 | 47,09 | 6,63 | 396,324 | 390,354 | 5,970 | 6,0 | 4,0 | 2,6359 | 0,0111 | 2,6470 | 24,00 | 0,00 |
| 23.04.2019 | 53,76 | 47,37 | 6,39 | 403,620 | 397,540 | 6,080 | 6,0 | 4,0 | 2,5860 | 0,0112 | 2,5971 | 24,00 | 0,00 |
| 24.04.2019 | 53,27 | 46,86 | 6,41 | 399,827 | 393,803 | 6,025 | 6,0 | 4,0 | 2,5703 | 0,0110 | 2,5813 | 24,00 | 0,00 |
| 25.04.2019 | 52,89 | 46,28 | 6,62 | 391,336 | 385,454 | 5,881 | 6,0 | 4,0 | 2,5961 | 0,0109 | 2,6070 | 24,00 | 0,00 |
| 26.04.2019 | 52,24 | 45,78 | 6,46 | 391,806 | 385,833 | 5,973 | 6,0 | 4,0 | 2,5375 | 0,0108 | 2,5483 | 24,00 | 0,00 |
| 27.04.2019 | 52,04 | 45,52 | 6,52 | 391,975 | 386,005 | 5,970 | 6,0 | 4,0 | 2,5628 | 0,0107 | 2,5735 | 24,00 | 0,00 |
| 28.04.2019 | 52,35 | 45,75 | 6,59 | 391,663 | 385,706 | 5,957 | 6,0 | 4,0 | 2,5888 | 0,0108 | 2,5996 | 24,00 | 0,00 |
| 29.04.2019 | 51,91 | 45,19 | 6,72 | 391,328 | 385,465 | 5,863 | 6,0 | 4,0 | 2,6359 | 0,0106 | 2,6465 | 24,00 | 0,00 |
| 30.04.2019 | 52,79 | 45,92 | 6,87 | 390,830 | 384,995 | 5,835 | 6,0 | 4,0 | 2,6914 | 0,0108 | 2,7022 | 24,00 | 0,00 |
| 01.05.2019 | 52,01 | 45,33 | 6,69 | 391,577 | 385,738 | 5,840 | 6,0 | 4,0 | 2,6244 | 0,0106 | 2,6351 | 24,00 | 0,00 |
| 02.05.2019 | 52,71 | 46,09 | 6,62 | 392,174 | 386,089 | 6,086 | 6,0 | 4,0 | 2,6037 | 0,0108 | 2,6145 | 24,00 | 0,00 |
| 03.05.2019 | 52,41 | 45,99 | 6,42 | 391,026 | 384,916 | 6,110 | 6,0 | 4,0 | 2,5171 | 0,0108 | 2,5279 | 24,00 | 0,00 |
| 04.05.2019 | 52,80 | 46,51 | 6,29 | 393,034 | 386,870 | 6,164 | 6,0 | 4,0 | 2,4800 | 0,0110 | 2,4910 | 24,00 | 0,00 |
| 05.05.2019 | 51,93 | 46,27 | 5,66 | 387,873 | 381,734 | 6,139 | 6,0 | 4,0 | 2,2031 | 0,0082 | 2,2113 | 24,00 | 0,00 |
| 06.05.2019 | 48,39 | 43,58 | 4,81 | 265,114 | 261,405 | 3,710 | 6,0 | 4,0 | 1,4542 | 0,0075 | 1,4618 | 24,00 | 0,00 |
| 07.05.2019 | 26,59 | 24,88 | 1,71 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0026 | 0,0026 | 24,00 | 0,00 |
| 08.05.2019 | 25,05 | 23,51 | 1,55 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0022 | 0,0022 | 24,00 | 0,00 |
| 09.05.2019 | 25,11 | 23,58 | 1,53 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0023 | 0,0023 | 24,00 | 0,00 |
| 10.05.2019 | 24,65 | 22,98 | 1,68 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0021 | 0,0021 | 24,00 | 0,00 |
| 11.05.2019 | 24,61 | 23,03 | 1,57 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0021 | 0,0021 | 24,00 | 0,00 |
| 12.05.2019 | 24,63 | 23,10 | 1,53 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0021 | 0,0021 | 24,00 | 0,00 |
| 13.05.2019 | 24,30 | 22,74 | 1,57 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 14.05.2019 | 22,18 | 21,76 | 0,42 | 0,000 | 0,689 | -0,689 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 15.05.2019 | 20,90 | 18,84 | 2,07 | 0,010 | 0,000 | 0,010 | 6,0 | 4,0 | 0,0000 | 0,0010 | 0,0010 | 24,00 | 0,00 |
| 16.05.2019 | 19,74 | 18,31 | 1,43 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0009 | 0,0009 | 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. |
| 17.05.2019 | 20,55 | 19,04 | 1,51 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0011 | 0,0011 | 24,00 | 0,00 |
| 18.05.2019 | 20,24 | 18,70 | 1,54 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0010 | 0,0010 | 24,00 | 0,00 |
| 19.05.2019 | 19,84 | 18,49 | 1,35 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0009 | 0,0009 | 24,00 | 0,00 |
| 20.05.2019 | 19,21 | 17,83 | 1,38 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0008 | 0,0008 | 24,00 | 0,00 |
| 21.05.2019 | 18,80 | 17,45 | 1,35 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0007 | 0,0007 | 24,00 | 0,00 |
| 22.05.2019 | 18,60 | 17,38 | 1,22 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0006 | 0,0006 | 24,00 | 0,00 |
| 23.05.2019 | 18,89 | 17,65 | 1,25 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0007 | 0,0007 | 24,00 | 0,00 |
| 24.05.2019 | 19,44 | 18,26 | 1,17 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0009 | 0,0009 | 24,00 | 0,00 |
| 25.05.2019 | 18,68 | 17,54 | 1,14 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0007 | 0,0007 | 24,00 | 0,00 |
| 26.05.2019 | 18,66 | 17,38 | 1,28 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0006 | 0,0006 | 24,00 | 0,00 |
| 27.05.2019 | 19,44 | 18,25 | 1,19 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0009 | 0,0009 | 24,00 | 0,00 |
| 28.05.2019 | 20,88 | 19,90 | 0,99 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0013 | 0,0013 | 24,00 | 0,00 |
| 29.05.2019 | 21,96 | 20,94 | 1,02 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,03 | -0,03 |
| 30.05.2019 | 22,42 | 21,20 | 1,23 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 31.05.2019 | 23,07 | 22,14 | 0,93 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 01.06.2019 | 23,06 | 21,78 | 1,28 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 02.06.2019 | 22,89 | 21,77 | 1,12 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 03.06.2019 | 23,02 | 21,58 | 1,44 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0017 | 0,0017 | 24,00 | 0,00 |
| 04.06.2019 | 22,90 | 21,62 | 1,28 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 05.06.2019 | 20,44 | 19,31 | 1,13 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0011 | 0,0011 | 24,00 | 0,00 |
| 06.06.2019 | 20,35 | 19,44 | 0,91 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,00 | 0,00 |
| 07.06.2019 | 20,51 | 19,68 | 0,83 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,00 | 0,00 |
| 08.06.2019 | 20,71 | 19,95 | 0,76 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0013 | 0,0013 | 24,00 | 0,00 |
| 09.06.2019 | 21,44 | 20,52 | 0,92 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 10.06.2019 | 22,45 | 21,56 | 0,89 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0017 | 0,0017 | 24,00 | 0,00 |
| 11.06.2019 | 23,45 | 22,56 | 0,89 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 12.06.2019 | 23,80 | 22,90 | 0,90 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0021 | 0,0021 | 24,00 | 0,00 |
| 13.06.2019 | 22,48 | 21,38 | 1,10 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0017 | 0,0017 | 24,00 | 0,00 |
| 14.06.2019 | 21,61 | 20,58 | 1,03 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 15.06.2019 | 21,72 | 20,60 | 1,11 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 16.06.2019 | 21,78 | 20,54 | 1,24 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 17.06.2019 | 21,54 | 20,44 | 1,11 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 18.06.2019 | 21,35 | 20,33 | 1,02 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 19.06.2019 | 21,54 | 20,50 | 1,04 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 20.06.2019 | 22,33 | 21,21 | 1,12 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 21.06.2019 | 22,68 | 21,76 | 0,92 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 22.06.2019 | 21,91 | 20,95 | 0,96 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 23.06.2019 | 22,33 | 21,37 | 0,96 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0017 | 0,0017 | 24,00 | 0,00 |
| 24.06.2019 | 23,42 | 22,69 | 0,73 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 25.06.2019 | 23,68 | 22,29 | 1,40 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 26.06.2019 | 23,07 | 21,74 | 1,34 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 27.06.2019 | 22,61 | 21,19 | 1,42 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 28.06.2019 | 22,22 | 20,82 | 1,40 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 29.06.2019 | 21,55 | 20,55 | 1,00 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 30.06.2019 | 21,50 | 20,78 | 0,72 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 01.07.2019 | 21,75 | 20,98 | 0,77 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 02.07.2019 | 22,35 | 21,13 | 1,23 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 03.07.2019 | 21,98 | 20,72 | 1,26 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 04.07.2019 | 22,82 | 21,54 | 1,28 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0017 | 0,0017 | 24,00 | 0,00 |
| 05.07.2019 | 23,16 | 21,99 | 1,17 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 06.07.2019 | 23,39 | 22,25 | 1,15 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 07.07.2019 | 23,53 | 22,25 | 1,29 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 08.07.2019 | 23,51 | 22,21 | 1,30 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 09.07.2019 | 23,01 | 21,88 | 1,13 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,03 | -0,03 |
| 10.07.2019 | 21,40 | 20,65 | 0,75 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 11.07.2019 | 21,18 | 20,43 | 0,76 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 12.07.2019 | 21,21 | 20,32 | 0,89 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 13.07.2019 | 21,06 | 20,45 | 0,61 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 14.07.2019 | 21,31 | 20,75 | 0,56 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 15.07.2019 | 21,73 | 21,09 | 0,64 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 16.07.2019 | 21,67 | 20,96 | 0,71 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 17.07.2019 | 21,06 | 20,50 | 0,56 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 18.07.2019 | 20,88 | 20,22 | 0,66 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 19.07.2019 | 20,91 | 20,27 | 0,64 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 20.07.2019 | 21,41 | 20,72 | 0,69 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 21.07.2019 | 21,28 | 20,47 | 0,81 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 22.07.2019 | 20,87 | 20,30 | 0,57 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 23.07.2019 | 20,58 | 20,01 | 0,57 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0013 | 0,0013 | 24,00 | 0,00 |
| 24.07.2019 | 21,14 | 20,54 | 0,61 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 25.07.2019 | 22,35 | 21,52 | 0,83 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0017 | 0,0017 | 24,00 | 0,00 |
| 26.07.2019 | 23,06 | 21,95 | 1,11 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 27.07.2019 | 23,76 | 22,57 | 1,19 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 28.07.2019 | 23,95 | 22,69 | 1,26 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 29.07.2019 | 23,97 | 22,45 | 1,52 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 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. |
| 30.07.2019 | 22,81 | 21,16 | 1,65 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 31.07.2019 | 20,73 | 19,53 | 1,20 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,00 | 0,00 |
| 01.08.2019 | 19,35 | 18,27 | 1,07 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0009 | 0,0009 | 24,00 | 0,00 |
| 02.08.2019 | 18,69 | 17,67 | 1,03 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0007 | 0,0007 | 24,00 | 0,00 |
| 03.08.2019 | 18,88 | 17,88 | 1,00 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0008 | 0,0008 | 24,00 | 0,00 |
| 04.08.2019 | 19,96 | 18,81 | 1,14 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0010 | 0,0010 | 24,00 | 0,00 |
| 05.08.2019 | 20,59 | 19,49 | 1,10 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,03 | -0,03 |
| 06.08.2019 | 20,46 | 19,54 | 0,92 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,00 | 0,00 |
| 07.08.2019 | 20,89 | 19,61 | 1,27 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,00 | 0,00 |
| 08.08.2019 | 21,09 | 19,88 | 1,21 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0013 | 0,0013 | 24,00 | 0,00 |
| 09.08.2019 | 21,29 | 20,35 | 0,94 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 10.08.2019 | 21,41 | 20,20 | 1,21 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0014 | 0,0014 | 24,00 | 0,00 |
| 11.08.2019 | 22,12 | 21,01 | 1,11 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0016 | 0,0016 | 24,00 | 0,00 |
| 12.08.2019 | 23,17 | 21,83 | 1,33 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 13.08.2019 | 23,51 | 22,24 | 1,27 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 14.08.2019 | 23,59 | 22,28 | 1,31 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 15.08.2019 | 23,68 | 22,38 | 1,30 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 16.08.2019 | 23,96 | 22,61 | 1,35 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 17.08.2019 | 24,42 | 23,08 | 1,35 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0021 | 0,0021 | 24,00 | 0,00 |
| 18.08.2019 | 24,76 | 23,34 | 1,42 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0022 | 0,0022 | 24,00 | 0,00 |
| 19.08.2019 | 24,41 | 22,77 | 1,64 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0021 | 0,0021 | 24,00 | 0,00 |
| 20.08.2019 | 23,78 | 22,26 | 1,52 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 21.08.2019 | 23,82 | 22,30 | 1,52 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0019 | 0,0019 | 24,00 | 0,00 |
| 22.08.2019 | 23,91 | 22,47 | 1,44 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 23.08.2019 | 24,15 | 22,80 | 1,34 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0021 | 0,0021 | 24,00 | 0,00 |
| 24.08.2019 | 23,63 | 22,61 | 1,02 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0020 | 0,0020 | 24,00 | 0,00 |
| 25.08.2019 | 23,33 | 21,90 | 1,42 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 26.08.2019 | 22,86 | 21,68 | 1,18 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0018 | 0,0018 | 24,00 | 0,00 |
| 27.08.2019 | 21,77 | 20,59 | 1,18 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0015 | 0,0015 | 24,00 | 0,00 |
| 28.08.2019 | 21,20 | 19,77 | 1,44 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0013 | 0,0013 | 24,00 | 0,00 |
| 29.08.2019 | 21,44 | 19,96 | 1,47 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0013 | 0,0013 | 24,00 | 0,00 |
| 30.08.2019 | 20,62 | 19,42 | 1,20 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,00 | 0,00 |
| 31.08.2019 | 19,63 | 18,64 | 0,99 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0010 | 0,0010 | 24,00 | 0,00 |
| 01.09.2019 | 19,80 | 18,76 | 1,04 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0010 | 0,0010 | 24,00 | 0,00 |
| 02.09.2019 | 19,83 | 18,68 | 1,15 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0010 | 0,0010 | 24,00 | 0,00 |
| 03.09.2019 | 19,81 | 18,52 | 1,29 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0009 | 0,0009 | 24,00 | 0,00 |
| 04.09.2019 | 20,01 | 18,76 | 1,25 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0010 | 0,0010 | 24,00 | 0,00 |
| 05.09.2019 | 20,07 | 18,54 | 1,54 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0009 | 0,0009 | 24,00 | 0,00 |
| 06.09.2019 | 20,23 | 18,88 | 1,35 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0010 | 0,0010 | 24,00 | 0,00 |
| 07.09.2019 | 20,42 | 19,00 | 1,42 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0011 | 0,0011 | 24,00 | 0,00 |
| 08.09.2019 | 20,74 | 19,35 | 1,39 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,00 | 0,00 |
| 09.09.2019 | 20,80 | 19,45 | 1,36 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0012 | 0,0012 | 24,00 | 0,00 |
| 10.09.2019 | 27,89 | 21,67 | 6,22 | 18,021 | 1,258 | 16,763 | 6,0 | 4,0 | 0,2242 | 0,0018 | 0,2259 | 24,00 | 0,00 |
| 11.09.2019 | 26,20 | 21,18 | 5,02 | 4,589 | 2,537 | 2,052 | 6,0 | 4,0 | 0,0233 | 0,0016 | 0,0249 | 24,00 | 0,00 |
| 12.09.2019 | 27,95 | 21,50 | 6,45 | 5,404 | 0,509 | 4,895 | 6,0 | 4,0 | 0,0349 | 0,0017 | 0,0366 | 24,03 | -0,03 |
| 13.09.2019 | 27,36 | 21,32 | 6,04 | 5,006 | 0,000 | 5,006 | 6,0 | 4,0 | 0,0303 | 0,0017 | 0,0320 | 24,00 | 0,00 |
| 14.09.2019 | 25,77 | 21,31 | 4,46 | 4,769 | 1,528 | 3,241 | 6,0 | 4,0 | 0,0213 | 0,0017 | 0,0230 | 24,00 | 0,00 |
| 15.09.2019 | 26,58 | 21,45 | 5,13 | 4,798 | 0,110 | 4,688 | 6,0 | 4,0 | 0,0246 | 0,0043 | 0,0290 | 24,00 | 0,00 |
| 16.09.2019 | 38,40 | 27,26 | 11,14 | 14,354 | 0,010 | 14,344 | 6,0 | 4,0 | 0,2897 | 0,0059 | 0,2956 | 24,00 | 0,00 |
| 17.09.2019 | 25,38 | 21,71 | 3,67 | 0,609 | 0,000 | 0,609 | 6,0 | 4,0 | 0,0020 | 0,0044 | 0,0064 | 24,00 | 0,00 |
| 18.09.2019 | 42,33 | 37,81 | 4,51 | 254,791 | 248,076 | 6,715 | 6,0 | 4,0 | 1,5130 | 0,0087 | 1,5216 | 24,00 | 0,00 |
| 19.09.2019 | 52,93 | 46,78 | 6,15 | 371,829 | 364,734 | 7,095 | 6,0 | 4,0 | 2,3201 | 0,0110 | 2,3311 | 24,00 | 0,00 |
| 20.09.2019 | 46,46 | 40,37 | 6,08 | 305,263 | 299,748 | 5,515 | 6,0 | 4,0 | 1,8558 | 0,0093 | 1,8652 | 24,00 | 0,00 |
| 21.09.2019 | 47,04 | 40,42 | 6,62 | 287,548 | 282,315 | 5,233 | 6,0 | 4,0 | 1,9073 | 0,0093 | 1,9167 | 24,00 | 0,00 |
| 22.09.2019 | 45,90 | 39,59 | 6,31 | 288,051 | 282,882 | 5,170 | 6,0 | 4,0 | 1,8213 | 0,0091 | 1,8304 | 24,00 | 0,00 |
| 23.09.2019 | 50,03 | 41,66 | 8,37 | 269,421 | 263,104 | 6,317 | 6,0 | 4,0 | 2,2324 | 0,0097 | 2,2421 | 24,00 | 0,00 |
| 24.09.2019 | 49,37 | 41,24 | 8,13 | 265,357 | 257,859 | 7,498 | 6,0 | 4,0 | 2,1613 | 0,0096 | 2,1708 | 24,00 | 0,00 |
| 25.09.2019 | 49,64 | 41,05 | 8,59 | 259,608 | 253,843 | 5,765 | 6,0 | 4,0 | 2,2325 | 0,0095 | 2,2420 | 24,00 | 0,00 |
| 26.09.2019 | 41,42 | 35,75 | 5,67 | 256,644 | 252,280 | 4,364 | 6,0 | 4,0 | 1,4515 | 0,0081 | 1,4596 | 24,00 | 0,00 |
| 27.09.2019 | 42,88 | 35,97 | 6,91 | 260,012 | 255,500 | 4,512 | 6,0 | 4,0 | 1,8023 | 0,0082 | 1,8105 | 24,00 | 0,00 |
| 28.09.2019 | 47,93 | 40,00 | 7,93 | 266,861 | 262,032 | 4,828 | 6,0 | 4,0 | 2,1195 | 0,0092 | 2,1287 | 24,00 | 0,00 |
| 29.09.2019 | 47,70 | 39,81 | 7,88 | 266,704 | 261,836 | 4,868 | 6,0 | 4,0 | 2,1051 | 0,0092 | 2,1143 | 24,00 | 0,00 |
| 30.09.2019 | 48,65 | 40,60 | 8,06 | 266,101 | 261,077 | 5,023 | 6,0 | 4,0 | 2,1474 | 0,0094 | 2,1568 | 24,00 | 0,00 |
| 01.10.2019 | 48,68 | 41,01 | 7,67 | 272,407 | 267,376 | 5,031 | 6,0 | 4,0 | 2,0918 | 0,0095 | 2,1013 | 24,00 | 0,00 |
| 02.10.2019 | 49,05 | 41,59 | 7,46 | 275,522 | 270,481 | 5,041 | 6,0 | 4,0 | 2,0597 | 0,0097 | 2,0693 | 24,00 | 0,00 |
| 03.10.2019 | 49,38 | 41,98 | 7,40 | 273,800 | 268,751 | 5,048 | 6,0 | 4,0 | 2,0309 | 0,0098 | 2,0407 | 24,00 | 0,00 |
| 04.10.2019 | 50,04 | 42,60 | 7,44 | 272,388 | 267,332 | 5,057 | 6,0 | 4,0 | 2,0309 | 0,0099 | 2,0408 | 24,00 | 0,00 |
| 05.10.2019 | 49,97 | 42,80 | 7,17 | 273,040 | 268,001 | 5,039 | 6,0 | 4,0 | 1,9608 | 0,0100 | 1,9707 | 24,00 | 0,00 |
| 06.10.2019 | 49,67 | 42,64 | 7,03 | 273,010 | 267,931 | 5,079 | 6,0 | 4,0 | 1,9238 | 0,0099 | 1,9337 | 24,00 | 0,00 |
| 07.10.2019 | 49,46 | 42,13 | 7,33 | 258,183 | 253,514 | 4,669 | 6,0 | 4,0 | 1,8982 | 0,0098 | 1,9080 | 24,00 | 0,00 |
| 08.10.2019 | 49,36 | 41,82 | 7,54 | 247,955 | 243,620 | 4,335 | 6,0 | 4,0 | 1,8739 | 0,0097 | 1,8836 | 24,00 | 0,00 |
| 09.10.2019 | 48,97 | 41,27 | 7,69 | 243,768 | 239,497 | 4,271 | 6,0 | 4,0 | 1,8789 | 0,0096 | 1,8885 | 24,00 | 0,00 |
| 10.10.2019 | 48,53 | 40,73 | 7,80 | 243,225 | 238,928 | 4,297 | 6,0 | 4,0 | 1,8997 | 0,0094 | 1,9092 | 24,00 | 0,00 |
| 11.10.2019 | 52,38 | 43,13 | 9,25 | 250,617 | 246,211 | 4,405 | 6,0 | 4,0 | 2,3291 | 0,0101 | 2,3392 | 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. |
| 12.10.2019 | 55,33 | 45,47 | 9,86 | 257,031 | 252,499 | 4,532 | 6,0 | 4,0 | 2,5383 | 0,0107 | 2,5490 | 24,00 | 0,00 |
| 13.10.2019 | 55,36 | 45,54 | 9,82 | 257,313 | 252,756 | 4,556 | 6,0 | 4,0 | 2,5305 | 0,0107 | 2,5412 | 24,00 | 0,00 |
| 14.10.2019 | 55,27 | 45,61 | 9,66 | 261,091 | 256,488 | 4,603 | 6,0 | 4,0 | 2,5269 | 0,0107 | 2,5376 | 24,00 | 0,00 |
| 15.10.2019 | 55,66 | 45,96 | 9,70 | 264,508 | 259,849 | 4,659 | 6,0 | 4,0 | 2,5698 | 0,0108 | 2,5806 | 24,00 | 0,00 |
| 16.10.2019 | 55,34 | 45,53 | 9,81 | 264,124 | 259,491 | 4,633 | 6,0 | 4,0 | 2,5953 | 0,0107 | 2,6060 | 24,00 | 0,00 |
| 17.10.2019 | 54,92 | 45,11 | 9,81 | 262,753 | 258,153 | 4,600 | 6,0 | 4,0 | 2,5819 | 0,0106 | 2,5925 | 24,00 | 0,00 |
| 18.10.2019 | 54,40 | 44,60 | 9,81 | 262,381 | 257,785 | 4,596 | 6,0 | 4,0 | 2,5770 | 0,0105 | 2,5875 | 24,00 | 0,00 |
| 19.10.2019 | 54,80 | 44,55 | 10,26 | 262,690 | 258,109 | 4,581 | 6,0 | 4,0 | 2,6985 | 0,0105 | 2,7090 | 24,03 | -0,03 |
| 20.10.2019 | 54,58 | 44,32 | 10,26 | 262,347 | 257,788 | 4,559 | 6,0 | 4,0 | 2,6965 | 0,0104 | 2,7069 | 24,00 | 0,00 |
| 21.10.2019 | 57,15 | 45,29 | 11,86 | 243,774 | 239,558 | 4,216 | 6,0 | 4,0 | 2,8741 | 0,0106 | 2,8847 | 24,00 | 0,00 |
| 22.10.2019 | 59,06 | 46,29 | 12,78 | 229,513 | 225,547 | 3,966 | 6,0 | 4,0 | 2,9360 | 0,0109 | 2,9469 | 24,00 | 0,00 |
| 23.10.2019 | 58,16 | 45,76 | 12,40 | 228,689 | 224,687 | 4,002 | 6,0 | 4,0 | 2,8401 | 0,0108 | 2,8509 | 24,00 | 0,00 |
| 24.10.2019 | 59,05 | 46,57 | 12,48 | 231,621 | 227,554 | 4,067 | 6,0 | 4,0 | 2,8958 | 0,0110 | 2,9067 | 24,00 | 0,00 |
| 25.10.2019 | 59,32 | 46,94 | 12,37 | 234,325 | 230,189 | 4,136 | 6,0 | 4,0 | 2,9036 | 0,0111 | 2,9147 | 24,00 | 0,00 |
| 26.10.2019 | 59,65 | 47,26 | 12,38 | 234,689 | 230,517 | 4,173 | 6,0 | 4,0 | 2,9104 | 0,0112 | 2,9216 | 24,00 | 0,00 |
| 27.10.2019 | 59,35 | 47,34 | 12,01 | 234,706 | 230,539 | 4,167 | 6,0 | 4,0 | 2,8220 | 0,0112 | 2,8332 | 24,00 | 0,00 |
| 28.10.2019 | 59,63 | 47,43 | 12,21 | 234,897 | 230,718 | 4,179 | 6,0 | 4,0 | 2,8718 | 0,0112 | 2,8830 | 24,00 | 0,00 |
| 29.10.2019 | 59,79 | 47,34 | 12,45 | 234,438 | 230,271 | 4,167 | 6,0 | 4,0 | 2,9230 | 0,0112 | 2,9342 | 24,00 | 0,00 |
| 30.10.2019 | 59,60 | 47,45 | 12,15 | 249,350 | 244,940 | 4,410 | 6,0 | 4,0 | 3,0289 | 0,0112 | 3,0401 | 24,00 | 0,00 |
| 31.10.2019 | 59,93 | 47,84 | 12,09 | 260,266 | 255,735 | 4,531 | 6,0 | 4,0 | 3,1513 | 0,0113 | 3,1626 | 24,00 | 0,00 |
| 01.11.2019 | 59,60 | 47,89 | 11,71 | 272,097 | 267,344 | 4,753 | 6,0 | 4,0 | 3,1737 | 0,0113 | 3,1850 | 24,00 | 0,00 |
| 02.11.2019 | 59,16 | 47,17 | 11,99 | 260,763 | 256,190 | 4,573 | 6,0 | 4,0 | 3,1311 | 0,0111 | 3,1422 | 24,00 | 0,00 |
| 03.11.2019 | 59,62 | 47,52 | 12,10 | 260,524 | 255,892 | 4,632 | 6,0 | 4,0 | 3,1565 | 0,0112 | 3,1677 | 24,00 | 0,00 |
| 04.11.2019 | 59,73 | 47,66 | 12,07 | 260,309 | 255,679 | 4,630 | 6,0 | 4,0 | 3,1460 | 0,0113 | 3,1572 | 24,00 | 0,00 |
| 05.11.2019 | 59,81 | 47,89 | 11,92 | 260,173 | 255,536 | 4,637 | 6,0 | 4,0 | 3,1062 | 0,0113 | 3,1176 | 24,00 | 0,00 |
| 06.11.2019 | 60,65 | 48,72 | 11,93 | 260,314 | 255,657 | 4,657 | 6,0 | 4,0 | 3,1116 | 0,0115 | 3,1232 | 24,00 | 0,00 |
| 07.11.2019 | 61,32 | 49,42 | 11,90 | 263,770 | 259,034 | 4,736 | 6,0 | 4,0 | 3,1429 | 0,0117 | 3,1546 | 24,00 | 0,00 |
| 08.11.2019 | 61,39 | 49,33 | 12,05 | 265,558 | 260,802 | 4,756 | 6,0 | 4,0 | 3,2056 | 0,0117 | 3,2173 | 24,00 | 0,00 |
| 09.11.2019 | 60,09 | 48,15 | 11,94 | 265,217 | 260,437 | 4,780 | 6,0 | 4,0 | 3,1708 | 0,0114 | 3,1822 | 24,00 | 0,00 |
| 10.11.2019 | 58,95 | 47,23 | 11,71 | 265,321 | 260,574 | 4,746 | 6,0 | 4,0 | 3,1120 | 0,0111 | 3,1232 | 24,00 | 0,00 |
| 11.11.2019 | 59,07 | 47,31 | 11,76 | 263,685 | 258,997 | 4,688 | 6,0 | 4,0 | 3,1063 | 0,0112 | 3,1175 | 24,00 | 0,00 |
| 12.11.2019 | 59,88 | 47,90 | 11,98 | 260,468 | 255,799 | 4,669 | 6,0 | 4,0 | 3,1246 | 0,0113 | 3,1359 | 24,00 | 0,00 |
| 13.11.2019 | 60,23 | 48,05 | 12,18 | 260,262 | 255,625 | 4,637 | 6,0 | 4,0 | 3,1750 | 0,0114 | 3,1864 | 24,00 | 0,00 |
| 14.11.2019 | 61,10 | 48,45 | 12,65 | 268,480 | 263,716 | 4,764 | 6,0 | 4,0 | 3,4026 | 0,0115 | 3,4140 | 24,00 | 0,00 |
| 15.11.2019 | 61,96 | 49,52 | 12,45 | 280,871 | 275,870 | 5,001 | 6,0 | 4,0 | 3,5010 | 0,0117 | 3,5127 | 24,00 | 0,00 |
| 16.11.2019 | 61,17 | 49,28 | 11,90 | 280,481 | 275,451 | 5,030 | 6,0 | 4,0 | 3,3418 | 0,0117 | 3,3535 | 24,00 | 0,00 |
| 17.11.2019 | 61,14 | 49,52 | 11,62 | 280,484 | 275,429 | 5,055 | 6,0 | 4,0 | 3,2650 | 0,0117 | 3,2767 | 24,00 | 0,00 |
| 18.11.2019 | 63,41 | 50,85 | 12,55 | 280,372 | 275,340 | 5,032 | 6,0 | 4,0 | 3,5251 | 0,0121 | 3,5372 | 24,00 | 0,00 |
| 19.11.2019 | 68,83 | 53,61 | 15,23 | 278,444 | 273,436 | 5,008 | 6,0 | 4,0 | 4,2468 | 0,0128 | 4,2596 | 24,00 | 0,00 |
| 20.11.2019 | 71,73 | 55,02 | 16,71 | 268,977 | 264,096 | 4,881 | 6,0 | 4,0 | 4,5003 | 0,0132 | 4,5135 | 24,00 | 0,00 |
| 21.11.2019 | 67,76 | 52,52 | 15,24 | 267,720 | 262,848 | 4,872 | 6,0 | 4,0 | 4,0830 | 0,0126 | 4,0955 | 24,03 | -0,03 |
| 22.11.2019 | 63,40 | 52,68 | 10,72 | 375,279 | 368,730 | 6,549 | 6,0 | 4,0 | 3,8335 | 0,0126 | 3,8461 | 24,00 | 0,00 |
| 23.11.2019 | 61,75 | 53,20 | 8,55 | 434,395 | 426,600 | 7,795 | 6,0 | 4,0 | 3,7221 | 0,0127 | 3,7348 | 24,00 | 0,00 |
| 24.11.2019 | 62,02 | 53,35 | 8,67 | 425,768 | 417,896 | 7,872 | 6,0 | 4,0 | 3,6992 | 0,0128 | 3,7119 | 24,00 | 0,00 |
| 25.11.2019 | 63,15 | 53,82 | 9,33 | 406,470 | 398,945 | 7,525 | 6,0 | 4,0 | 3,7908 | 0,0129 | 3,8036 | 24,00 | 0,00 |
| 26.11.2019 | 64,05 | 54,31 | 9,74 | 395,960 | 388,803 | 7,157 | 6,0 | 4,0 | 3,8634 | 0,0130 | 3,8764 | 24,00 | 0,00 |
| 27.11.2019 | 64,04 | 54,43 | 9,62 | 400,736 | 393,398 | 7,338 | 6,0 | 4,0 | 3,8628 | 0,0130 | 3,8759 | 24,00 | 0,00 |
| 28.11.2019 | 64,12 | 54,50 | 9,62 | 403,722 | 396,434 | 7,288 | 6,0 | 4,0 | 3,8943 | 0,0131 | 3,9073 | 24,00 | 0,00 |
| 29.11.2019 | 64,82 | 55,08 | 9,74 | 402,999 | 395,639 | 7,360 | 6,0 | 4,0 | 3,9327 | 0,0132 | 3,9459 | 24,00 | 0,00 |
| 30.11.2019 | 64,56 | 54,94 | 9,61 | 402,360 | 395,106 | 7,255 | 6,0 | 4,0 | 3,8772 | 0,0132 | 3,8904 | 24,00 | 0,00 |
| 01.12.2019 | 63,52 | 54,08 | 9,44 | 402,134 | 394,956 | 7,178 | 6,0 | 4,0 | 3,8057 | 0,0130 | 3,8187 | 24,00 | 0,00 |
| 02.12.2019 | 64,21 | 54,57 | 9,64 | 401,620 | 394,419 | 7,201 | 6,0 | 4,0 | 3,8803 | 0,0131 | 3,8934 | 24,00 | 0,00 |
| 03.12.2019 | 63,68 | 54,22 | 9,46 | 401,695 | 394,489 | 7,207 | 6,0 | 4,0 | 3,8093 | 0,0130 | 3,8223 | 24,00 | 0,00 |
| 04.12.2019 | 64,40 | 54,68 | 9,72 | 402,058 | 394,939 | 7,120 | 6,0 | 4,0 | 3,9149 | 0,0131 | 3,9280 | 24,00 | 0,00 |
| 05.12.2019 | 64,02 | 54,41 | 9,62 | 401,278 | 394,170 | 7,109 | 6,0 | 4,0 | 3,8678 | 0,0130 | 3,8808 | 24,00 | 0,00 |
| 06.12.2019 | 63,90 | 54,29 | 9,61 | 400,082 | 393,069 | 7,014 | 6,0 | 4,0 | 3,8538 | 0,0130 | 3,8668 | 24,00 | 0,00 |
| 07.12.2019 | 63,53 | 54,27 | 9,26 | 400,326 | 393,409 | 6,917 | 6,0 | 4,0 | 3,7154 | 0,0130 | 3,7284 | 24,00 | 0,00 |
| 08.12.2019 | 64,24 | 54,81 | 9,43 | 400,613 | 393,733 | 6,880 | 6,0 | 4,0 | 3,7876 | 0,0131 | 3,8008 | 24,00 | 0,00 |
| 09.12.2019 | 64,46 | 54,93 | 9,52 | 396,950 | 390,134 | 6,816 | 6,0 | 4,0 | 3,7687 | 0,0132 | 3,7819 | 24,00 | 0,00 |
| 10.12.2019 | 64,00 | 55,01 | 8,99 | 413,242 | 406,150 | 7,092 | 6,0 | 4,0 | 3,7225 | 0,0132 | 3,7357 | 24,00 | 0,00 |
| 11.12.2019 | 63,71 | 54,71 | 9,01 | 410,514 | 403,380 | 7,133 | 6,0 | 4,0 | 3,6870 | 0,0131 | 3,7002 | 24,00 | 0,00 |
| 12.12.2019 | 64,78 | 55,63 | 9,15 | 416,668 | 409,389 | 7,279 | 6,0 | 4,0 | 3,8206 | 0,0134 | 3,8339 | 24,00 | 0,00 |
| 13.12.2019 | 63,84 | 54,65 | 9,20 | 410,296 | 403,185 | 7,111 | 6,0 | 4,0 | 3,7820 | 0,0131 | 3,7951 | 24,00 | 0,00 |
| 14.12.2019 | 64,26 | 54,72 | 9,54 | 406,074 | 399,134 | 6,940 | 6,0 | 4,0 | 3,8837 | 0,0131 | 3,8968 | 24,00 | 0,00 |
| 15.12.2019 | 64,50 | 54,86 | 9,65 | 405,874 | 398,984 | 6,890 | 6,0 | 4,0 | 3,9241 | 0,0132 | 3,9372 | 24,00 | 0,00 |
| 16.12.2019 | 63,40 | 54,26 | 9,13 | 414,630 | 407,410 | 7,220 | 6,0 | 4,0 | 3,7944 | 0,0130 | 3,8074 | 24,00 | 0,00 |
| 17.12.2019 | 63,45 | 54,43 | 9,02 | 419,302 | 411,913 | 7,389 | 6,0 | 4,0 | 3,7902 | 0,0130 | 3,8032 | 24,00 | 0,00 |
| 18.12.2019 | 63,61 | 54,40 | 9,22 | 412,044 | 404,791 | 7,253 | 6,0 | 4,0 | 3,8063 | 0,0130 | 3,8193 | 24,00 | 0,00 |
| 19.12.2019 | 64,27 | 54,86 | 9,41 | 407,435 | 400,270 | 7,165 | 6,0 | 4,0 | 3,8442 | 0,0132 | 3,8573 | 24,00 | 0,00 |
| 20.12.2019 | 63,55 | 54,31 | 9,25 | 407,584 | 400,544 | 7,040 | 6,0 | 4,0 | 3,7782 | 0,0130 | 3,7912 | 24,00 | 0,00 |
| 21.12.2019 | 64,44 | 54,70 | 9,74 | 406,853 | 399,856 | 6,997 | 6,0 | 4,0 | 3,9722 | 0,0131 | 3,9853 | 24,00 | 0,00 |
| 22.12.2019 | 64,74 | 54,85 | 9,89 | 406,484 | 399,409 | 7,075 | 6,0 | 4,0 | 4,0298 | 0,0132 | 4,0430 | 24,00 | 0,00 |
| 23.12.2019 | 63,91 | 54,00 | 9,91 | 395,203 | 388,225 | 6,978 | 6,0 | 4,0 | 3,9248 | 0,0129 | 3,9378 | 24,00 | 0,00 |
| 24.12.2019 | 63,60 | 53,79 | 9,81 | 385,597 | 378,753 | 6,843 | 6,0 | 4,0 | 3,7896 | 0,0129 | 3,8025 | 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. |
| 25.12.2019 | 63,30 | 49,54 | 13,76 | 264,610 | 259,731 | 4,879 | 6,0 | 4,0 | 3,3848 | 0,0118 | 3,3965 | 24,00 | 0,00 |
| 26.12.2019 | 61,91 | 51,09 | 10,82 | 314,441 | 308,678 | 5,763 | 6,0 | 4,0 | 3,3971 | 0,0122 | 3,4092 | 24,00 | 0,00 |
| 27.12.2019 | 62,40 | 51,24 | 11,15 | 315,569 | 309,779 | 5,789 | 6,0 | 4,0 | 3,5241 | 0,0122 | 3,5363 | 24,00 | 0,00 |
| 28.12.2019 | 62,88 | 51,35 | 11,53 | 310,681 | 304,968 | 5,713 | 6,0 | 4,0 | 3,5887 | 0,0122 | 3,6009 | 24,00 | 0,00 |
| 29.12.2019 | 63,88 | 51,70 | 12,18 | 309,790 | 304,138 | 5,652 | 6,0 | 4,0 | 3,7792 | 0,0123 | 3,7915 | 24,00 | 0,00 |
| 30.12.2019 | 72,24 | 56,75 | 15,49 | 305,233 | 299,569 | 5,664 | 6,0 | 4,0 | 4,7325 | 0,0137 | 4,7461 | 24,00 | 0,00 |
| 31.12.2019 | 70,51 | 56,07 | 14,44 | 306,604 | 300,868 | 5,736 | 6,0 | 4,0 | 4,4327 | 0,0135 | 4,4462 | 24,00 | 0,00 |
| Итого | 45,83 | 39,19 | 6,64 | 80967,423 | 79426,790 | 1540,633 | 6,00 | 4,00 | 768,952 2 | 2,9431 | 771,8952 | 8760,33 | -0,33 |

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Пинигин А.В.
т. (34365) 3-51-81

Представитель обслуживающей организации: