Организация: Абонент: Дата: 10.01.16 ТеРосс № 1920 Версия ПО: 06.54 (02.12.10) Тепловая система 1: ЦО Формула: (M[2з]). Q=M1\*(h1-h2) Адрес: G1min (м3/ч): 0,040 G1max (м3/ч): 40,000 G2min (м3/ч): 0,040 G2max (м3/ч): 40,000

**Посуточная ведомость учета параметров теплопотребления за период с 30.11.15 по 09.01.16**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Тепло, Гкал | Масса, Тонн | | Тонн | | Температура, гр.С | | | | Давление, атм. | | Наработка, час |  |
| Дата | Q | M1 | M2 | M1'-M2' | M2'-M1' | t1 | t2 | t1-t2 | tатм | P1 | P2 | Tp | НС |
| 30.11.15 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ПФТ |
| 01.12.15 | 2,51944 | 109,9941 | 108,0977 | 1,896 | 0,000 | 74,2 | 51,2 | 22,9 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 02.12.15 | 2,50232 | 128,9082 | 126,6328 | 2,275 | 0,000 | 70,6 | 51,1 | 19,4 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 03.12.15 | 2,18112 | 93,9277 | 92,3809 | 1,547 | 0,000 | 74,6 | 51,3 | 23,2 | 0,0 | 5,0 | 5,0 | 19,96 | П |
| 04.12.15 | 2,54889 | 120,6934 | 118,7676 | 1,926 | 0,000 | 72,2 | 51,0 | 21,1 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 05.12.15 | 2,35001 | 136,5371 | 134,2930 | 2,244 | 0,000 | 67,2 | 50,0 | 17,2 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 06.12.15 | 2,31180 | 143,4023 | 141,0000 | 2,402 | 0,000 | 65,7 | 49,6 | 16,1 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 07.12.15 | 2,07919 | 122,0469 | 120,1055 | 1,941 | 0,000 | 65,7 | 48,7 | 17,1 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 08.12.15 | 2,40912 | 146,3008 | 143,8750 | 2,426 | 0,000 | 67,4 | 50,9 | 16,5 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 09.12.15 | 2,59137 | 132,0859 | 129,9238 | 2,162 | 0,000 | 71,2 | 51,6 | 19,6 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 10.12.15 | 2,48682 | 125,5703 | 123,5039 | 2,066 | 0,000 | 71,1 | 51,3 | 19,8 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 11.12.15 | 2,41068 | 140,7324 | 138,3379 | 2,395 | 0,000 | 68,1 | 51,0 | 17,1 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 12.12.15 | 2,60373 | 118,9609 | 116,9551 | 2,006 | 0,000 | 73,9 | 52,0 | 21,9 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 13.12.15 | 2,59525 | 117,3125 | 115,3496 | 1,963 | 0,000 | 73,5 | 51,3 | 22,1 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 14.12.15 | 2,62369 | 112,3301 | 110,3730 | 1,957 | 0,000 | 75,0 | 51,6 | 23,4 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 15.12.15 | 2,63116 | 104,2402 | 102,3574 | 1,883 | 0,000 | 77,2 | 52,0 | 25,3 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 16.12.15 | 2,74329 | 103,6465 | 101,8887 | 1,758 | 0,000 | 79,6 | 53,1 | 26,5 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 17.12.15 | 2,91843 | 104,1699 | 102,4043 | 1,766 | 0,000 | 82,7 | 54,6 | 28,0 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 18.12.15 | 2,94510 | 94,3223 | 92,8008 | 1,521 | 0,000 | 85,9 | 54,7 | 31,2 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 19.12.15 | 2,47769 | 118,8477 | 116,8242 | 2,023 | 0,000 | 71,4 | 50,6 | 20,9 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 20.12.15 | 2,32739 | 148,7520 | 146,1426 | 2,609 | 0,000 | 65,7 | 50,0 | 15,7 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 21.12.15 | 1,87225 | 101,7090 | 100,2520 | 1,457 | 0,000 | 65,8 | 47,4 | 18,4 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 22.12.15 | 2,05341 | 119,4590 | 117,5234 | 1,936 | 0,000 | 65,6 | 48,4 | 17,2 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 23.12.15 | 2,25946 | 138,4609 | 136,0000 | 2,461 | 0,000 | 65,9 | 49,6 | 16,3 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 24.12.15 | 2,23798 | 140,1973 | 137,8418 | 2,355 | 0,000 | 65,6 | 49,7 | 16,0 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 25.12.15 | 2,44757 | 153,2109 | 150,4863 | 2,725 | 0,000 | 67,6 | 51,6 | 16,0 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 26.12.15 | 2,42596 | 150,6816 | 147,9336 | 2,748 | 0,000 | 67,4 | 51,3 | 16,1 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 27.12.15 | 2,88916 | 113,0215 | 111,1582 | 1,863 | 0,000 | 78,6 | 53,0 | 25,6 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 28.12.15 | 3,06641 | 100,1309 | 98,5840 | 1,547 | 0,000 | 86,6 | 56,0 | 30,6 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 29.12.15 | 3,24469 | 95,4258 | 93,8965 | 1,529 | 0,000 | 91,4 | 57,5 | 34,0 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 30.12.15 | 3,10883 | 96,5117 | 94,9609 | 1,551 | 0,000 | 87,9 | 55,7 | 32,2 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 31.12.15 | 3,52740 | 99,7383 | 98,0625 | 1,676 | 0,000 | 92,6 | 57,2 | 35,3 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 01.01.16 | 3,90297 | 103,1793 | 101,3668 | 1,813 | 0,000 | 101,2 | 63,5 | 37,7 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 02.01.16 | 3,99110 | 100,1087 | 98,4217 | 1,687 | 0,000 | 102,5 | 62,8 | 39,8 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 03.01.16 | 3,86572 | 100,9645 | 99,3407 | 1,624 | 0,000 | 99,7 | 61,5 | 38,2 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 04.01.16 | 3,99463 | 101,9026 | 100,3578 | 1,545 | 0,000 | 101,8 | 62,7 | 39,1 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 05.01.16 | 4,06973 | 98,9904 | 97,5151 | 1,475 | 0,000 | 103,9 | 62,9 | 41,0 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 06.01.16 | 3,91500 | 100,1367 | 98,6112 | 1,526 | 0,000 | 101,5 | 62,5 | 39,0 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 07.01.16 | 3,74405 | 100,7991 | 99,2598 | 1,539 | 0,000 | 98,1 | 61,0 | 37,1 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 08.01.16 | 4,05923 | 94,5759 | 93,2374 | 1,339 | 0,000 | 105,9 | 63,1 | 42,8 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| 09.01.16 | 4,00097 | 97,2838 | 95,9134 | 1,370 | 0,000 | 103,5 | 62,5 | 41,0 | 0,0 | 5,0 | 5,0 | 24,00 |  |
| Итого | 114,93 | 4629,27 | 4552,74 | 76,53 | 0,00 | 78,5 | 53,7 | 24,8 | 0,0 | 5,0 | 5,0 | 955,96 | 28,04 |

Максимальный часовой расход (т/ч): 7,6605 (м3/ч): 7,8202

Показания интеграторов: Классификация нештатных ситуаций (НС):

О-отсутствие теплоносителя

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Дата** | **Время** | **Q, Гкал** | **M1, Тонн** | **M2, Тонн** | **Тр, час** | Т-отключение по t1-t2<min |
| **09.01.16** | **24:00** | 35,54 | 897,94 | 884,02 | 216,00 | Р-отключение по Gmin, Gmax |
| **01.01.16** | **0:00** | 0,00 | 0,00 | 0,00 | 0,00 | Ф-функциональный отказ |
| **31.12.15** | **24:00** | 539,49 | 32703,83 | 32536,34 | 739,96 | П-отключение питания |
| **30.11.15** | **0:00** | 460,0975 | 28972,5 | 28867,63 | 0,00 |  |
| **Итого** | | 114,93 | 4629,27 | 4552,74 | 955,96 |  |

Тотч. = Тнараб. + Тсб.пит. + Тф.отк. + Тdt<min + TG<min + TG>max

984,00 = 955,96 + 8,94 + 0,03 + 19,07 + 0,00 + 0,00

Представитель абонента: Представитель организации: