

**Ведомость учета отпуска тепловой энергии за период
с 01.01.2019 по 31.12.2019**

Потребитель: **ООО "УК "Хризотил", г.Асбест, ул. Ленина, д. 14, оф. 17, тел.+7 (34365) 4-26-87**
 Объект: **ул. Ленинградская, д. 27**

Система отопления: двухтрубная зависимая
 Расчетная формула тепловой энергии:
 $Q = G^2 \times (T^1 - T^2) / 1000$, Гкал
 G_{max}= 22,86 тн/час
 G_{от}= 13,71 тн/час
 G_{гвс}= 9,15 тн/час
 Q= 0,709 Гкал/час

Эльф-04
 КАРАТ-551-50-0
 КАРАТ-551-50-0
 КТСП-Н
 06552715
 50264313
 50072916
 30986
 26.06.2023
 21.03.2021
 17.02.2020
 27.06.2023

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (Гкал)	Время работы, час	
	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _п	штатное	нештат.
01.01.19	70,68	55,30	15,38	415,154	407,479	7,676	6,0	4,0	6,403	24,00	0,00
02.01.19	68,45	53,59	14,86	414,199	406,552	7,647	6,0	4,0	6,172	24,00	0,00
03.01.19	67,33	53,15	14,18	415,789	408,102	7,688	6,0	4,0	5,914	24,00	0,00
04.01.19	66,69	52,73	13,96	415,356	407,670	7,686	6,0	4,0	5,815	24,00	0,00
05.01.19	66,76	52,98	13,78	414,231	406,569	7,662	6,0	4,0	5,726	24,00	0,00
06.01.19	66,37	52,31	14,05	412,153	404,544	7,610	6,0	4,0	5,808	24,00	0,00
07.01.19	67,14	52,99	14,15	412,577	404,917	7,660	6,0	4,0	5,855	24,00	0,00
08.01.19	68,46	53,26	15,20	410,507	402,857	7,650	6,0	4,0	6,255	24,00	0,00
09.01.19	68,38	53,39	15,00	412,441	404,773	7,668	6,0	4,0	6,202	24,00	0,00
10.01.19	67,80	53,27	14,54	412,132	404,485	7,646	6,0	4,0	6,007	24,00	0,00
11.01.19	67,02	52,76	14,26	411,136	403,540	7,596	6,0	4,0	5,881	24,00	0,00
12.01.19	68,02	53,35	14,67	410,831	403,285	7,546	6,0	4,0	6,043	24,00	0,00
13.01.19	66,77	52,41	14,36	414,494	406,886	7,608	6,0	4,0	5,968	24,00	0,00
14.01.19	67,38	53,44	13,93	416,216	408,606	7,611	6,0	4,0	5,817	24,00	0,00
15.01.19	67,25	53,47	13,78	416,141	408,539	7,601	6,0	4,0	5,750	24,00	0,00
16.01.19	66,73	52,99	13,74	416,125	408,544	7,580	6,0	4,0	5,734	24,00	0,00
17.01.19	67,62	53,84	13,78	415,068	407,470	7,599	6,0	4,0	5,736	24,00	0,00
18.01.19	67,40	53,68	13,71	415,230	407,605	7,625	6,0	4,0	5,711	24,00	0,00
19.01.19	67,44	53,79	13,65	417,745	410,075	7,670	6,0	4,0	5,720	24,00	0,00
20.01.19	66,43	52,95	13,47	418,672	411,012	7,660	6,0	4,0	5,657	24,00	0,00
21.01.19	67,88	54,17	13,71	415,964	408,329	7,635	6,0	4,0	5,722	24,00	0,00
22.01.19	67,98	53,86	14,12	415,719	408,076	7,644	6,0	4,0	5,888	24,00	0,00
23.01.19	69,10	54,41	14,69	412,009	404,445	7,564	6,0	4,0	6,069	24,00	0,00
24.01.19	73,29	56,90	16,39	409,968	402,425	7,543	6,0	4,0	6,737	24,00	0,00
25.01.19	71,32	55,66	15,66	410,440	402,840	7,600	6,0	4,0	6,446	24,00	0,00
26.01.19	71,04	54,74	16,30	408,655	401,073	7,582	6,0	4,0	6,679	24,00	0,00
27.01.19	72,93	55,63	17,30	408,403	400,765	7,639	6,0	4,0	7,085	24,00	0,00
28.01.19	73,21	56,23	16,98	409,941	402,278	7,663	6,0	4,0	6,982	24,00	0,00
29.01.19	72,28	55,67	16,61	409,062	401,419	7,644	6,0	4,0	6,812	24,00	0,00
30.01.19	69,54	53,94	15,60	408,480	400,878	7,602	6,0	4,0	6,390	24,00	0,00
31.01.19	70,52	54,49	16,03	406,672	399,106	7,566	6,0	4,0	6,535	24,00	0,00
01.02.19	69,28	54,05	15,23	408,387	400,727	7,660	6,0	4,0	6,235	24,00	0,00
02.02.19	69,39	53,88	15,51	407,410	399,763	7,647	6,0	4,0	6,335	24,00	0,00
03.02.19	73,79	56,13	17,67	407,242	399,590	7,652	6,0	4,0	7,214	24,00	0,00
04.02.19	79,15	59,77	19,38	407,603	399,945	7,658	6,0	4,0	7,921	24,00	0,00
05.02.19	81,92	61,36	20,55	407,099	399,424	7,675	6,0	4,0	8,391	24,00	0,00
06.02.19	81,38	61,39	19,99	407,750	400,028	7,722	6,0	4,0	8,173	24,00	0,00
07.02.19	79,78	60,13	19,65	407,873	400,221	7,652	6,0	4,0	8,037	24,00	0,00
08.02.19	74,62	57,19	17,43	408,672	401,054	7,619	6,0	4,0	7,142	24,00	0,00
09.02.19	71,16	54,47	16,69	398,627	391,185	7,442	6,0	4,0	6,671	24,00	0,00
10.02.19	68,54	51,30	17,24	365,254	358,325	6,929	6,0	4,0	6,312	24,00	0,00
11.02.19	66,67	51,07	15,60	365,963	359,059	6,904	6,0	4,0	5,723	24,00	0,00
12.02.19	66,67	51,25	15,42	365,717	358,878	6,839	6,0	4,0	5,653	24,00	0,00
13.02.19	66,41	51,23	15,18	367,457	360,621	6,836	6,0	4,0	5,593	24,00	0,00
14.02.19	66,00	51,26	14,74	366,925	360,089	6,836	6,0	4,0	5,424	24,00	0,00
15.02.19	65,93	51,32	14,61	366,194	359,350	6,843	6,0	4,0	5,364	24,00	0,00
16.02.19	65,98	51,26	14,72	365,063	358,218	6,844	6,0	4,0	5,388	24,00	0,00
17.02.19	66,11	50,71	15,40	364,829	357,946	6,883	6,0	4,0	5,634	24,00	0,00
18.02.19	65,72	51,01	14,71	366,854	359,941	6,913	6,0	4,0	5,409	24,00	0,00
19.02.19	66,31	51,68	14,64	367,666	360,742	6,923	6,0	4,0	5,395	24,00	0,00
20.02.19	67,05	51,39	15,66	363,928	357,097	6,830	6,0	4,0	5,715	24,00	0,00
21.02.19	65,49	50,39	15,10	365,066	358,194	6,872	6,0	4,0	5,525	24,00	0,00
22.02.19	66,49	51,67	14,82	369,227	362,294	6,933	6,0	4,0	5,485	24,00	0,00
23.02.19	66,39	51,42	14,98	368,393	361,460	6,933	6,0	4,0	5,532	24,00	0,00
24.02.19	66,56	50,89	15,67	366,753	359,810	6,942	6,0	4,0	5,762	24,00	0,00
25.02.19	66,53	51,38	15,15	367,778	360,833	6,945	6,0	4,0	5,586	24,00	0,00
26.02.19	66,60	51,47	15,12	366,684	359,800	6,884	6,0	4,0	5,561	24,00	0,00
27.02.19	66,66	51,88	14,78	369,292	362,306	6,986	6,0	4,0	5,474	24,00	0,00
28.02.19	66,43	51,78	14,65	372,355	365,363	6,992	6,0	4,0	5,469	24,00	0,00
01.03.19	65,45	51,15	14,30	367,263	360,330	6,933	6,0	4,0	5,268	24,00	0,00

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	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _п	штатное	нештат.
02.03.19	65,40	50,65	14,75	362,019	355,147	6,872	6,0	4,0	5,354	24,00	0,00
03.03.19	65,13	50,33	14,80	360,669	353,780	6,889	6,0	4,0	5,353	24,00	0,00
04.03.19	66,72	51,76	14,96	361,980	355,086	6,894	6,0	4,0	5,428	24,00	0,00
05.03.19	66,20	51,37	14,83	360,376	353,475	6,901	6,0	4,0	5,358	24,00	0,00
06.03.19	65,65	50,89	14,76	361,976	354,989	6,987	6,0	4,0	5,358	24,00	0,00
07.03.19	65,23	50,92	14,30	362,980	356,162	6,818	6,0	4,0	5,206	24,00	0,00
08.03.19	65,56	50,72	14,84	360,200	353,359	6,841	6,0	4,0	5,359	24,00	0,00
09.03.19	65,53	51,04	14,50	361,575	354,680	6,896	6,0	4,0	5,256	24,00	0,00
10.03.19	65,73	51,05	14,68	363,734	356,374	7,361	6,0	4,0	5,352	24,00	0,00
11.03.19	65,87	51,40	14,47	364,545	357,709	6,836	6,0	4,0	5,291	24,00	0,00
12.03.19	65,65	51,61	14,04	369,501	362,560	6,941	6,0	4,0	5,202	24,00	0,00
13.03.19	65,41	51,69	13,72	372,716	365,705	7,012	6,0	4,0	5,127	24,00	0,00
14.03.19	65,78	52,14	13,64	378,822	371,699	7,124	6,0	4,0	5,183	24,00	0,00
15.03.19	65,70	52,02	13,69	381,292	374,081	7,210	6,0	4,0	5,233	24,00	0,00
16.03.19	65,64	51,73	13,90	378,134	370,955	7,179	6,0	4,0	5,271	24,00	0,00
17.03.19	65,61	51,27	14,34	378,367	371,203	7,165	6,0	4,0	5,441	24,00	0,00
18.03.19	65,54	52,08	13,46	386,814	379,512	7,303	6,0	4,0	5,222	24,00	0,00
19.03.19	65,72	52,44	13,28	395,859	388,399	7,459	6,0	4,0	5,273	24,00	0,00
20.03.19	65,88	52,89	12,99	406,058	398,434	7,623	6,0	4,0	5,291	24,00	0,00
21.03.19	66,02	53,44	12,58	413,289	405,576	7,713	6,0	4,0	5,215	24,00	0,00
22.03.19	65,71	53,63	12,09	427,584	419,638	7,947	6,0	4,0	5,185	24,00	0,00
23.03.19	65,42	53,54	11,89	429,548	421,531	8,017	6,0	4,0	5,123	24,00	0,00
24.03.19	65,29	53,05	12,24	430,069	422,054	8,016	6,0	4,0	5,282	24,00	0,00
25.03.19	64,49	52,81	11,69	435,691	427,567	8,124	6,0	4,0	5,109	24,00	0,00
26.03.19	64,81	53,24	11,57	438,671	430,558	8,113	6,0	4,0	5,093	24,00	0,00
27.03.19	64,92	53,35	11,57	438,797	430,650	8,146	6,0	4,0	5,096	24,00	0,00
28.03.19	64,12	52,80	11,32	443,510	435,315	8,195	6,0	4,0	5,037	24,00	0,00
29.03.19	62,47	51,35	11,12	432,812	424,745	8,068	6,0	4,0	4,830	24,00	0,00
30.03.19	64,50	52,67	11,83	432,805	424,684	8,121	6,0	4,0	5,138	24,00	0,00
31.03.19	64,77	52,53	12,24	432,988	424,887	8,101	6,0	4,0	5,315	24,00	0,00
01.04.19	64,40	53,24	11,16	446,007	437,672	8,335	6,0	4,0	4,993	24,00	0,00
02.04.19	64,62	53,77	10,85	456,820	448,329	8,491	6,0	4,0	4,977	24,00	0,00
03.04.19	64,48	53,26	11,22	452,193	443,772	8,422	6,0	4,0	5,093	24,00	0,00
04.04.19	64,23	53,14	11,09	456,591	448,121	8,470	6,0	4,0	5,081	24,00	0,00
05.04.19	64,27	53,51	10,76	459,867	451,106	8,761	6,0	4,0	4,969	24,00	0,00
06.04.19	64,28	53,22	11,06	456,141	447,779	8,362	6,0	4,0	5,064	24,00	0,00
07.04.19	63,72	53,00	10,72	454,984	446,526	8,458	6,0	4,0	4,895	24,00	0,00
08.04.19	62,93	52,60	10,33	459,575	450,934	8,642	6,0	4,0	4,764	24,00	0,00
09.04.19	61,82	51,82	10,00	461,455	452,806	8,649	6,0	4,0	4,631	24,00	0,00
10.04.19	61,62	51,85	9,77	471,988	463,199	8,789	6,0	4,0	4,628	24,00	0,00
11.04.19	61,67	52,27	9,40	486,619	477,635	8,984	6,0	4,0	4,593	24,00	0,00
12.04.19	61,72	52,87	8,85	503,660	494,393	9,267	6,0	4,0	4,477	24,00	0,00
13.04.19	61,75	52,48	9,27	494,701	485,622	9,079	6,0	4,0	4,605	24,00	0,00
14.04.19	61,85	51,70	10,15	488,535	479,436	9,099	6,0	4,0	4,978	24,00	0,00
15.04.19	61,64	51,50	10,14	466,605	457,863	8,742	6,0	4,0	4,751	24,00	0,00
16.04.19	61,37	51,21	10,16	452,463	443,989	8,474	6,0	4,0	4,614	24,00	0,00
17.04.19	61,70	50,78	10,92	437,065	428,942	8,123	6,0	4,0	4,789	24,00	0,00
18.04.19	61,75	50,86	10,90	438,025	429,822	8,202	6,0	4,0	4,790	24,00	0,00
19.04.19	61,59	51,29	10,29	460,025	451,455	8,570	6,0	4,0	4,752	24,00	0,00
20.04.19	59,69	50,01	9,69	468,304	459,610	8,694	6,0	4,0	4,553	24,00	0,00
21.04.19	60,95	50,85	10,10	472,481	463,708	8,773	6,0	4,0	4,792	24,00	0,00
22.04.19	61,63	51,79	9,84	469,905	461,137	8,768	6,0	4,0	4,643	24,00	0,00
23.04.19	61,39	52,13	9,27	490,893	481,737	9,156	6,0	4,0	4,567	24,00	0,00
24.04.19	61,44	52,00	9,44	484,197	475,120	9,077	6,0	4,0	4,589	24,00	0,00
25.04.19	60,55	50,99	9,56	474,171	465,296	8,876	6,0	4,0	4,553	24,00	0,00
26.04.19	59,42	50,25	9,17	476,494	467,637	8,857	6,0	4,0	4,387	24,00	0,00
27.04.19	61,56	51,64	9,92	480,200	471,262	8,938	6,0	4,0	4,783	24,00	0,00
28.04.19	61,13	50,93	10,21	466,433	457,672	8,762	6,0	4,0	4,779	24,00	0,00
29.04.19	61,19	50,48	10,71	448,582	440,157	8,424	6,0	4,0	4,819	24,00	0,00
30.04.19	61,15	50,74	10,41	450,060	441,618	8,442	6,0	4,0	4,701	24,00	0,00
01.05.19	59,77	49,89	9,88	451,691	443,194	8,498	6,0	4,0	4,479	24,00	0,00
02.05.19	59,81	50,11	9,70	455,649	447,206	8,443	6,0	4,0	4,437	24,00	0,00
03.05.19	59,61	50,12	9,49	456,424	447,976	8,448	6,0	4,0	4,348	24,00	0,00
04.05.19	59,71	50,53	9,19	456,794	448,253	8,541	6,0	4,0	4,214	23,90	0,10
05.05.19	56,47	48,06	8,41	421,532	413,651	7,881	6,0	4,0	3,560	22,05	1,95
06.05.19	60,64	53,98	6,66	640,496	628,625	11,871	6,0	4,0	4,292	24,00	0,00
07.05.19	62,67	58,20	4,48	515,124	505,323	9,801	6,0	4,0	2,327	24,00	0,00
08.05.19	63,30	60,61	2,69	359,158	352,115	7,043	6,0	4,0	0,981	24,00	0,00
09.05.19	66,04	63,68	2,36	369,677	362,417	7,260	6,0	4,0	0,887	24,00	0,00
10.05.19	67,55	65,16	2,39	374,228	366,897	7,331	6,0	4,0	0,909	24,00	0,00
11.05.19	67,92	65,35	2,56	376,604	369,221	7,383	6,0	4,0	0,981	24,00	0,00
12.05.19	68,61	65,91	2,70	378,135	370,758	7,377	6,0	4,0	1,037	24,00	0,00
13.05.19	68,32	65,92	2,39	384,577	377,053	7,524	6,0	4,0	0,935	24,00	0,00
14.05.19	69,21	66,71	2,49	389,472	381,870	7,603	6,0	4,0	0,987	24,00	0,00

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	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _п	штатное	нештат.
15.05.19	69,75	67,33	2,42	395,738	388,084	7,654	6,0	4,0	0,975	24,00	0,00
16.05.19	70,81	68,20	2,61	388,727	381,538	7,189	6,0	4,0	1,031	24,00	0,00
17.05.19	70,16	67,72	2,44	388,989	381,692	7,297	6,0	4,0	0,965	24,00	0,00
18.05.19	68,30	65,76	2,55	386,851	379,528	7,323	6,0	4,0	1,001	24,00	0,00
19.05.19	66,98	64,09	2,90	378,594	371,286	7,308	6,0	4,0	1,112	24,00	0,00
20.05.19	64,45	61,69	2,75	370,307	363,090	7,217	6,0	4,0	1,035	24,00	0,00
21.05.19	64,63	62,02	2,60	369,926	362,661	7,265	6,0	4,0	0,977	24,00	0,00
22.05.19	64,59	61,83	2,77	371,004	363,752	7,252	6,0	4,0	1,042	24,00	0,00
23.05.19	65,62	62,96	2,66	379,599	372,228	7,370	6,0	4,0	1,026	24,00	0,00
24.05.19	65,60	62,91	2,69	377,025	369,691	7,334	6,0	4,0	1,029	24,00	0,00
25.05.19	64,80	62,19	2,62	369,383	362,109	7,274	6,0	4,0	0,981	24,00	0,00
26.05.19	64,99	61,93	3,06	369,868	362,581	7,287	6,0	4,0	1,147	24,00	0,00
27.05.19	65,51	63,04	2,48	381,112	373,566	7,545	6,0	4,0	0,959	24,00	0,00
28.05.19	68,76	66,38	2,39	396,308	388,822	7,485	6,0	4,0	0,962	24,00	0,00
29.05.19	70,39	67,92	2,47	399,994	392,427	7,567	6,0	4,0	1,005	24,00	0,00
30.05.19	71,02	68,46	2,55	399,360	391,719	7,641	6,0	4,0	1,036	24,00	0,00
31.05.19	71,22	68,88	2,34	399,957	392,697	7,260	6,0	4,0	0,950	24,00	0,00
01.06.19	72,80	70,47	2,34	404,882	397,128	7,753	6,0	4,0	0,963	24,00	0,00
02.06.19	73,66	71,10	2,55	405,003	397,189	7,814	6,0	4,0	1,050	24,00	0,00
03.06.19	72,48	70,10	2,38	402,375	394,632	7,743	6,0	4,0	0,973	24,00	0,00
04.06.19	68,65	66,39	2,26	393,124	385,799	7,325	6,0	4,0	0,902	24,00	0,00
05.06.19	67,18	64,88	2,30	388,902	381,468	7,434	6,0	4,0	0,910	24,00	0,00
06.06.19	67,84	65,37	2,47	388,443	380,948	7,495	6,0	4,0	0,975	24,00	0,00
07.06.19	69,10	66,73	2,36	397,457	389,847	7,610	6,0	4,0	0,955	24,00	0,00
08.06.19	71,27	68,89	2,38	404,499	396,680	7,819	6,0	4,0	0,978	24,00	0,00
09.06.19	72,28	69,64	2,64	406,318	398,423	7,895	6,0	4,0	1,088	24,00	0,00
10.06.19	72,12	69,62	2,50	408,462	400,531	7,931	6,0	4,0	1,038	24,00	0,00
11.06.19	72,93	70,54	2,39	416,053	407,983	8,070	6,0	4,0	1,013	24,00	0,00
12.06.19	74,38	71,98	2,40	429,194	420,898	8,296	6,0	4,0	1,046	24,00	0,00
13.06.19	62,12	60,58	1,54	128,540	126,110	2,431	6,0	4,0	0,203	24,00	0,00
14.06.19	23,21	23,40	-0,18	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
15.06.19	21,26	21,40	-0,13	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
16.06.19	20,37	20,49	-0,12	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
17.06.19	19,45	19,59	-0,14	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
18.06.19	18,96	19,07	-0,11	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
19.06.19	18,76	18,89	-0,12	0,000	0,000	0,000	6,0	4,0	0,000	9,85	14,15
20.06.19	-	-	-	-	-	-	-	-	-	-	-
21.06.19	-	-	-	-	-	-	-	-	-	-	-
22.06.19	-	-	-	-	-	-	-	-	-	-	-
23.06.19	-	-	-	-	-	-	-	-	-	-	-
24.06.19	-	-	-	-	-	-	-	-	-	-	-
25.06.19	-	-	-	-	-	-	-	-	-	-	-
26.06.19	-	-	-	-	-	-	-	-	-	-	-
27.06.19	-	-	-	-	-	-	-	-	-	-	-
28.06.19	-	-	-	-	-	-	-	-	-	-	-
29.06.19	-	-	-	-	-	-	-	-	-	-	-
30.06.19	-	-	-	-	-	-	-	-	-	-	-
01.07.19	-	-	-	-	-	-	-	-	-	-	-
02.07.19	-	-	-	-	-	-	-	-	-	-	-
03.07.19	-	-	-	-	-	-	-	-	-	-	-
04.07.19	18,75	18,87	-0,12	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
05.07.19	69,48	66,56	2,93	206,509	202,538	3,972	6,0	4,0	0,613	14,57	9,43
06.07.19	66,64	64,20	2,44	334,175	327,707	6,468	6,0	4,0	0,829	24,00	0,00
07.07.19	69,98	67,17	2,81	344,884	338,231	6,653	6,0	4,0	0,984	24,00	0,00
08.07.19	63,76	61,26	2,50	318,946	312,718	6,228	6,0	4,0	0,809	24,00	0,00
09.07.19	64,45	61,48	2,97	318,314	312,112	6,202	6,0	4,0	0,959	24,00	0,00
10.07.19	66,22	63,51	2,71	325,413	319,111	6,302	6,0	4,0	0,895	24,00	0,00
11.07.19	66,93	64,16	2,77	324,500	318,203	6,297	6,0	4,0	0,911	24,00	0,00
12.07.19	67,40	64,84	2,56	324,021	317,773	6,248	6,0	4,0	0,843	24,00	0,00
13.07.19	69,52	67,08	2,44	330,118	323,708	6,409	6,0	4,0	0,817	24,00	0,00
14.07.19	70,73	67,87	2,87	332,186	325,491	6,696	6,0	4,0	0,965	24,00	0,00
15.07.19	69,23	66,53	2,70	329,825	323,125	6,699	6,0	4,0	0,903	24,00	0,00
16.07.19	66,97	64,55	2,42	311,868	305,589	6,280	6,0	4,0	0,767	24,00	0,00
17.07.19	36,48	35,26	1,23	232,008	227,429	4,579	6,0	4,0	0,294	23,13	0,87
18.07.19	32,15	30,79	1,36	250,869	245,915	4,954	6,0	4,0	0,352	24,00	0,00
19.07.19	53,15	50,67	2,48	278,193	272,721	5,471	6,0	4,0	0,703	24,00	0,00
20.07.19	64,00	61,52	2,47	320,011	313,826	6,185	6,0	4,0	0,804	24,00	0,00
21.07.19	67,24	64,76	2,48	332,377	325,994	6,384	6,0	4,0	0,836	24,00	0,00
22.07.19	66,86	64,35	2,51	327,126	320,792	6,334	6,0	4,0	0,836	24,00	0,00
23.07.19	67,72	65,14	2,58	323,801	317,426	6,376	6,0	4,0	0,850	24,00	0,00
24.07.19	69,17	66,62	2,55	325,458	318,997	6,461	6,0	4,0	0,843	24,00	0,00
25.07.19	71,36	68,78	2,58	329,762	323,110	6,651	6,0	4,0	0,864	24,00	0,00
26.07.19	72,59	70,11	2,48	332,711	325,960	6,752	6,0	4,0	0,838	24,00	0,00
27.07.19	72,21	69,60	2,61	332,379	325,547	6,832	6,0	4,0	0,882	24,00	0,00

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (ГКал)	Время работы, час	
	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _п	штатное	нештат.
28.07.19	71,71	69,04	2,67	331,370	324,546	6,825	6,0	4,0	0,898	24,00	0,00
29.07.19	66,97	64,25	2,73	305,820	299,657	6,163	6,0	4,0	0,846	22,75	1,25
30.07.19	62,01	60,01	2,00	138,865	136,116	2,748	6,0	4,0	0,284	10,90	13,10
31.07.19	17,19	28,29	-11,10	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
01.08.19	16,99	27,00	-10,02	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
02.08.19	30,68	29,11	1,57	160,994	157,821	3,174	6,0	4,0	0,259	15,55	8,45
03.08.19	57,44	54,47	2,98	268,731	263,459	5,272	6,0	4,0	0,811	24,00	0,00
04.08.19	63,60	60,32	3,28	293,894	288,149	5,745	6,0	4,0	0,975	24,00	0,00
05.08.19	65,77	62,85	2,93	304,414	298,520	5,894	6,0	4,0	0,903	24,00	0,00
06.08.19	68,12	65,31	2,81	308,585	302,147	6,438	6,0	4,0	0,879	24,00	0,00
07.08.19	68,84	65,92	2,92	305,726	299,810	5,916	6,0	4,0	0,905	24,00	0,00
08.08.19	69,64	66,82	2,82	307,876	301,923	5,954	6,0	4,0	0,880	24,00	0,00
09.08.19	69,71	66,76	2,95	308,978	302,999	5,979	6,0	4,0	0,924	24,00	0,00
10.08.19	70,71	68,07	2,65	311,310	305,231	6,080	6,0	4,0	0,837	24,00	0,00
11.08.19	71,65	68,85	2,79	312,996	306,834	6,162	6,0	4,0	0,888	24,00	0,00
12.08.19	71,37	68,18	3,19	283,511	277,825	5,687	6,0	4,0	0,916	24,00	0,00
13.08.19	71,70	67,93	3,77	225,102	220,470	4,632	6,0	4,0	0,857	24,00	0,00
14.08.19	70,12	66,17	3,95	218,967	214,599	4,367	6,0	4,0	0,874	24,00	0,00
15.08.19	70,68	66,65	4,03	219,868	215,408	4,460	6,0	4,0	0,896	24,00	0,00
16.08.19	71,65	67,86	3,78	221,825	217,198	4,627	6,0	4,0	0,848	24,00	0,00
17.08.19	72,63	68,75	3,88	223,908	219,220	4,688	6,0	4,0	0,877	24,00	0,00
18.08.19	73,37	69,18	4,19	223,664	218,929	4,735	6,0	4,0	0,948	24,00	0,00
19.08.19	72,49	68,56	3,93	223,235	218,589	4,645	6,0	4,0	0,887	24,00	0,00
20.08.19	73,21	69,14	4,06	224,328	219,709	4,619	6,0	4,0	0,921	24,00	0,00
21.08.19	73,35	69,08	4,28	224,689	219,931	4,758	6,0	4,0	0,970	24,00	0,00
22.08.19	68,33	64,44	3,89	217,257	212,637	4,620	6,0	4,0	0,854	24,00	0,00
23.08.19	69,35	65,60	3,75	221,854	217,213	4,641	6,0	4,0	0,842	24,00	0,00
24.08.19	72,16	68,19	3,97	224,405	219,673	4,731	6,0	4,0	0,900	24,00	0,00
25.08.19	72,74	68,13	4,61	224,411	219,617	4,795	6,0	4,0	1,045	24,00	0,00
26.08.19	71,37	67,13	4,24	222,464	217,679	4,785	6,0	4,0	0,953	24,00	0,00
27.08.19	70,81	66,72	4,09	220,102	215,428	4,674	6,0	4,0	0,909	24,00	0,00
28.08.19	71,08	66,71	4,37	220,403	215,665	4,738	6,0	4,0	0,972	24,00	0,00
29.08.19	70,53	66,06	4,47	219,317	214,586	4,731	6,0	4,0	0,989	24,00	0,00
30.08.19	69,67	65,41	4,26	218,855	214,116	4,739	6,0	4,0	0,942	24,00	0,00
31.08.19	69,50	65,19	4,31	216,661	212,103	4,559	6,0	4,0	0,942	24,00	0,00
01.09.19	69,27	64,42	4,85	214,978	210,414	4,564	6,0	4,0	1,051	24,00	0,00
02.09.19	67,18	63,01	4,18	215,699	208,970	6,729	6,0	4,0	0,907	24,00	0,00
03.09.19	67,53	63,47	4,06	214,542	209,870	4,672	6,0	4,0	0,879	24,00	0,00
04.09.19	67,41	63,44	3,97	211,941	207,341	4,600	6,0	4,0	0,850	24,00	0,00
05.09.19	66,07	61,92	4,15	208,867	204,329	4,539	6,0	4,0	0,875	24,00	0,00
06.09.19	65,22	60,96	4,26	207,217	202,763	4,454	6,0	4,0	0,892	24,00	0,00
07.09.19	64,97	60,54	4,43	206,011	201,677	4,334	6,0	4,0	0,921	24,00	0,00
08.09.19	64,85	60,31	4,54	204,473	200,099	4,374	6,0	4,0	0,937	24,00	0,00
09.09.19	63,53	59,19	4,34	203,299	198,962	4,337	6,0	4,0	0,890	24,00	0,00
10.09.19	64,49	59,73	4,75	205,763	201,370	4,393	6,0	4,0	0,987	24,00	0,00
11.09.19	66,28	61,82	4,46	208,531	204,161	4,370	6,0	4,0	0,939	24,00	0,00
12.09.19	69,30	65,16	4,14	205,969	201,734	4,235	6,0	4,0	0,860	24,00	0,00
13.09.19	44,43	41,17	3,26	182,878	179,379	3,500	6,0	4,0	0,602	24,00	0,00
14.09.19	59,76	55,33	4,43	200,789	196,722	4,067	6,0	4,0	0,897	24,00	0,00
15.09.19	62,37	57,66	4,72	205,781	201,474	4,307	6,0	4,0	0,979	24,00	0,00
16.09.19	63,79	59,36	4,42	192,669	188,545	4,124	6,0	4,0	0,860	24,00	0,00
17.09.19	62,21	58,76	3,46	245,981	240,986	4,995	6,0	4,0	0,860	24,00	0,00
18.09.19	61,23	50,33	10,90	273,531	265,850	7,681	6,0	4,0	2,997	24,00	0,00
19.09.19	62,32	48,80	13,51	330,485	324,165	6,320	6,0	4,0	4,478	24,00	0,00
20.09.19	61,69	50,05	11,64	383,275	375,957	7,319	6,0	4,0	4,477	24,00	0,00
21.09.19	60,56	49,03	11,54	372,099	364,838	7,261	6,0	4,0	4,307	24,00	0,00
22.09.19	60,60	48,64	11,96	369,607	362,259	7,347	6,0	4,0	4,434	24,00	0,00
23.09.19	61,42	49,01	12,41	360,207	353,135	7,072	6,0	4,0	4,483	24,00	0,00
24.09.19	61,37	48,91	12,46	353,295	346,317	6,978	6,0	4,0	4,414	24,00	0,00
25.09.19	61,45	48,54	12,90	351,475	344,547	6,929	6,0	4,0	4,548	24,00	0,00
26.09.19	49,06	40,79	8,27	337,498	330,787	6,711	6,0	4,0	2,805	24,00	0,00
27.09.19	56,92	44,88	12,04	349,210	342,535	6,675	6,0	4,0	4,218	24,00	0,00
28.09.19	60,68	48,01	12,67	352,684	345,601	7,083	6,0	4,0	4,482	24,00	0,00
29.09.19	61,05	47,73	13,32	352,475	345,226	7,249	6,0	4,0	4,708	24,00	0,00
30.09.19	60,89	48,42	12,47	352,887	345,546	7,340	6,0	4,0	4,415	24,00	0,00
01.10.19	61,29	49,06	12,22	356,218	348,940	7,278	6,0	4,0	4,367	24,00	0,00
02.10.19	60,70	49,22	11,49	361,886	354,631	7,255	6,0	4,0	4,171	24,00	0,00
03.10.19	61,19	50,11	11,09	376,012	368,485	7,527	6,0	4,0	4,182	24,00	0,00
04.10.19	61,00	50,33	10,68	382,235	374,654	7,582	6,0	4,0	4,095	24,00	0,00
05.10.19	60,21	50,10	10,11	391,014	383,144	7,871	6,0	4,0	3,968	24,00	0,00
06.10.19	60,64	50,09	10,55	400,165	392,123	8,042	6,0	4,0	4,236	24,00	0,00
07.10.19	61,20	50,74	10,46	398,382	390,358	8,024	6,0	4,0	4,183	24,00	0,00
08.10.19	61,23	50,90	10,33	401,085	393,134	7,951	6,0	4,0	4,158	23,98	0,02
09.10.19	60,83	49,98	10,86	394,951	387,359	7,592	6,0	4,0	4,303	24,00	0,00

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (ГКал)	Время работы, час	
	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _п	штатное	нештат.
10.10.19	60,93	50,32	10,61	393,522	385,706	7,815	6,0	4,0	4,191	24,00	0,00
11.10.19	60,71	49,80	10,91	385,536	377,784	7,752	6,0	4,0	4,222	24,00	0,00
12.10.19	60,57	49,57	11,01	384,649	376,921	7,728	6,0	4,0	4,248	24,00	0,00
13.10.19	60,87	49,47	11,40	382,207	374,487	7,720	6,0	4,0	4,372	24,00	0,00
14.10.19	60,91	50,16	10,75	393,319	385,374	7,945	6,0	4,0	4,244	24,00	0,00
15.10.19	61,06	50,05	11,01	394,310	386,349	7,961	6,0	4,0	4,356	24,00	0,00
16.10.19	60,63	49,13	11,51	378,637	371,027	7,609	6,0	4,0	4,371	24,00	0,00
17.10.19	58,85	47,20	11,65	338,605	331,930	6,675	6,0	4,0	3,956	22,32	1,68
18.10.19	61,50	49,16	12,34	366,495	359,148	7,347	6,0	4,0	4,537	24,00	0,00
19.10.19	61,06	48,31	12,74	357,417	350,150	7,267	6,0	4,0	4,568	24,00	0,00
20.10.19	61,02	47,35	13,67	352,262	345,090	7,172	6,0	4,0	4,828	24,00	0,00
21.10.19	61,31	48,79	12,52	377,634	370,020	7,613	6,0	4,0	4,741	24,00	0,00
22.10.19	61,31	50,26	11,06	419,037	410,645	8,392	6,0	4,0	4,649	24,00	0,00
23.10.19	61,28	50,13	11,15	418,831	410,417	8,414	6,0	4,0	4,687	24,00	0,00
24.10.19	61,27	50,26	11,01	423,550	415,019	8,531	6,0	4,0	4,681	24,00	0,00
25.10.19	61,38	50,84	10,55	435,542	426,792	8,750	6,0	4,0	4,610	24,00	0,00
26.10.19	61,24	50,93	10,32	443,492	434,546	8,946	6,0	4,0	4,592	24,00	0,00
27.10.19	60,95	50,47	10,48	443,840	434,864	8,976	6,0	4,0	4,668	24,00	0,00
28.10.19	61,41	51,06	10,36	437,587	428,741	8,847	6,0	4,0	4,549	24,00	0,00
29.10.19	61,48	50,76	10,73	429,412	420,720	8,692	6,0	4,0	4,622	24,00	0,00
30.10.19	61,69	50,42	11,28	422,418	413,809	8,610	6,0	4,0	4,779	24,00	0,00
31.10.19	61,33	49,88	11,45	412,732	404,328	8,404	6,0	4,0	4,743	24,00	0,00
01.11.19	63,21	50,84	12,37	414,638	406,215	8,422	6,0	4,0	5,144	24,00	0,00
02.11.19	63,45	50,93	12,52	414,934	406,486	8,448	6,0	4,0	5,212	24,00	0,00
03.11.19	63,48	51,28	12,20	422,915	414,334	8,581	6,0	4,0	5,175	24,00	0,00
04.11.19	63,57	51,11	12,45	420,835	412,220	8,615	6,0	4,0	5,258	24,00	0,00
05.11.19	63,37	51,75	11,62	425,154	416,477	8,678	6,0	4,0	4,956	24,00	0,00
06.11.19	63,49	51,86	11,64	429,343	420,712	8,631	6,0	4,0	5,012	24,00	0,00
07.11.19	63,73	52,29	11,44	429,619	420,971	8,648	6,0	4,0	4,932	24,00	0,00
08.11.19	63,60	51,88	11,73	427,994	419,410	8,585	6,0	4,0	5,035	24,00	0,00
09.11.19	63,48	50,93	12,55	422,980	414,408	8,572	6,0	4,0	5,324	24,00	0,00
10.11.19	63,78	51,02	12,76	422,670	414,076	8,594	6,0	4,0	5,409	24,00	0,00
11.11.19	63,77	51,61	12,16	425,222	416,602	8,620	6,0	4,0	5,186	24,00	0,00
12.11.19	63,93	51,87	12,06	426,672	418,041	8,630	6,0	4,0	5,161	24,00	0,00
13.11.19	63,80	51,59	12,21	424,034	415,443	8,592	6,0	4,0	5,193	24,00	0,00
14.11.19	65,81	52,41	13,40	421,699	413,104	8,595	6,0	4,0	5,668	24,00	0,00
15.11.19	65,07	52,06	13,01	423,418	414,794	8,623	6,0	4,0	5,524	24,00	0,00
16.11.19	63,71	51,15	12,56	420,737	412,229	8,508	6,0	4,0	5,299	24,00	0,00
17.11.19	62,81	50,40	12,41	418,989	410,453	8,535	6,0	4,0	5,213	24,00	0,00
18.11.19	65,71	52,28	13,42	419,933	411,374	8,559	6,0	4,0	5,654	24,00	0,00
19.11.19	76,64	59,46	17,18	422,230	413,634	8,596	6,0	4,0	7,273	24,00	0,00
20.11.19	76,71	59,43	17,29	416,062	407,553	8,509	6,0	4,0	7,213	24,00	0,00
21.11.19	71,18	55,43	15,74	408,528	400,238	8,291	6,0	4,0	6,450	24,00	0,00
22.11.19	67,17	53,08	14,09	413,577	405,272	8,305	6,0	4,0	5,843	24,00	0,00
23.11.19	66,00	52,26	13,74	414,209	405,846	8,363	6,0	4,0	5,708	24,00	0,00
24.11.19	65,96	52,19	13,77	414,329	405,913	8,416	6,0	4,0	5,722	24,00	0,00
25.11.19	66,06	52,42	13,63	412,210	403,796	8,415	6,0	4,0	5,637	24,00	0,00
26.11.19	66,22	52,64	13,58	410,786	402,515	8,271	6,0	4,0	5,593	24,00	0,00
27.11.19	66,07	52,57	13,50	409,974	401,772	8,203	6,0	4,0	5,551	24,00	0,00
28.11.19	65,89	52,20	13,69	408,812	400,669	8,142	6,0	4,0	5,614	24,00	0,00
29.11.19	66,12	52,73	13,39	410,285	402,055	8,230	6,0	4,0	5,510	24,00	0,00
30.11.19	65,69	52,17	13,51	408,632	400,443	8,188	6,0	4,0	5,539	24,00	0,00
01.12.19	66,06	52,03	14,02	407,771	399,574	8,197	6,0	4,0	5,734	24,00	0,00
02.12.19	66,05	52,42	13,64	408,706	400,460	8,246	6,0	4,0	5,590	24,00	0,00
03.12.19	65,81	52,44	13,37	408,828	400,551	8,276	6,0	4,0	5,484	24,00	0,00
04.12.19	66,29	52,57	13,72	407,114	398,872	8,242	6,0	4,0	5,602	24,00	0,00
05.12.19	65,84	52,27	13,57	405,836	397,561	8,275	6,0	4,0	5,523	24,00	0,00
06.12.19	66,02	52,49	13,53	410,485	402,141	8,344	6,0	4,0	5,571	24,00	0,00
07.12.19	65,95	52,72	13,24	414,058	405,669	8,388	6,0	4,0	5,497	24,00	0,00
08.12.19	65,99	52,56	13,44	413,913	405,484	8,430	6,0	4,0	5,578	24,00	0,00
09.12.19	66,27	53,47	12,80	417,085	408,598	8,486	6,0	4,0	5,356	24,00	0,00
10.12.19	66,24	53,38	12,87	418,276	409,803	8,473	6,0	4,0	5,399	23,98	0,02
11.12.19	66,19	53,69	12,49	420,794	412,264	8,530	6,0	4,0	5,275	24,00	0,00
12.12.19	65,09	52,35	12,73	414,016	405,611	8,405	6,0	4,0	5,288	24,00	0,00
13.12.19	63,83	51,47	12,36	409,536	401,229	8,306	6,0	4,0	5,078	24,00	0,00
14.12.19	66,47	53,16	13,31	415,297	406,805	8,491	6,0	4,0	5,544	24,00	0,00
15.12.19	66,23	52,22	14,01	411,992	403,516	8,477	6,0	4,0	5,789	24,00	0,00
16.12.19	66,29	52,74	13,54	415,134	406,564	8,569	6,0	4,0	5,639	24,00	0,00
17.12.19	66,11	53,00	13,11	415,163	406,591	8,572	6,0	4,0	5,459	24,00	0,00
18.12.19	66,06	52,84	13,22	414,201	405,648	8,553	6,0	4,0	5,494	24,00	0,00
19.12.19	66,48	53,23	13,25	416,571	408,025	8,546	6,0	4,0	5,537	24,00	0,00
20.12.19	66,29	52,87	13,42	400,436	392,668	7,768	6,0	4,0	5,390	23,00	1,00
21.12.19	67,03	53,17	13,86	414,298	406,399	7,898	6,0	4,0	5,758	24,00	0,00
22.12.19	66,44	52,19	14,25	412,390	404,463	7,926	6,0	4,0	5,893	24,00	0,00

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (ГКал)	Время работы, час	
	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _п	штатное	нештат.
23.12.19	66,58	52,78	13,81	415,833	407,960	7,874	6,0	4,0	5,758	24,00	0,00
24.12.19	65,89	52,57	13,33	416,821	408,909	7,912	6,0	4,0	5,571	24,00	0,00
25.12.19	67,96	54,14	13,81	419,549	411,602	7,947	6,0	4,0	5,813	24,00	0,00
26.12.19	69,09	55,20	13,88	420,382	412,351	8,030	6,0	4,0	5,854	24,00	0,00
27.12.19	68,99	55,06	13,93	417,712	409,679	8,033	6,0	4,0	5,836	24,00	0,00
28.12.19	68,68	54,63	14,05	416,786	408,790	7,996	6,0	4,0	5,874	24,00	0,00
29.12.19	69,76	54,55	15,21	413,555	405,590	7,965	6,0	4,0	6,309	24,00	0,00
30.12.19	77,44	59,18	18,26	413,679	405,646	8,033	6,0	4,0	7,576	24,00	0,00
31.12.19	73,53	56,81	16,72	413,163	405,153	8,011	6,0	4,0	6,927	24,00	0,00
Итого	62,04	52,93	9,11	128182,552	125687,588	2494,964	5,77	3,85	1327,070	8299,98	124,02

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Представитель обслуживающей организации:

