

**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. Уральская, д. 61 (РК-1)**

Система отопления: двухтрубная зависимая
 Расчетная формула тепловой энергии:
 $Q = G^2 \times (T^1 - T^2) / 1000$, Гкал
 $G_{max} = 13,66$ тн/час
 $G_{от} = 11,08$ тн/час
 $G_{гвс} = 2,58$ тн/час
 $Q = 0,545$ Гкал/час

Эльф-03 03723013 29.05.2023
 КАРАТ-551-65-0 65088315 01.03.2020
 КАРАТ-551-65-0 65084815 01.03.2020
 КТСП-Н 18027 20.05.2023

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	70,09	58,86	11,23	315,055	317,713	-2,658	6,0	4,0	3,551	24,00	0,00
02.01.19	68,67	58,01	10,66	314,131	316,789	-2,658	6,0	4,0	3,362	24,00	0,00
03.01.19	65,29	55,13	10,16	312,214	314,873	-2,659	6,0	4,0	3,185	24,00	0,00
04.01.19	65,69	55,82	9,88	310,339	312,962	-2,623	6,0	4,0	3,078	24,00	0,00
05.01.19	65,15	55,28	9,86	309,925	312,562	-2,638	6,0	4,0	3,070	24,00	0,00
06.01.19	65,39	55,47	9,91	309,422	312,139	-2,717	6,0	4,0	3,081	24,00	0,00
07.01.19	65,83	55,54	10,29	309,463	312,207	-2,744	6,0	4,0	3,198	24,00	0,00
08.01.19	67,38	56,41	10,98	308,506	311,195	-2,689	6,0	4,0	3,399	24,00	0,00
09.01.19	67,68	56,82	10,86	309,806	312,519	-2,714	6,0	4,0	3,377	24,00	0,00
10.01.19	66,75	56,17	10,58	310,106	312,858	-2,752	6,0	4,0	3,295	24,00	0,00
11.01.19	64,74	54,51	10,23	288,295	290,612	-2,317	6,0	4,0	2,963	24,00	0,00
12.01.19	66,48	56,16	10,31	304,882	307,194	-2,312	6,0	4,0	3,157	24,00	0,00
13.01.19	65,32	55,05	10,27	309,443	312,154	-2,711	6,0	4,0	3,191	24,00	0,00
14.01.19	65,35	55,49	9,86	309,478	312,205	-2,727	6,0	4,0	3,064	24,00	0,00
15.01.19	66,26	55,92	10,34	308,134	310,817	-2,684	6,0	4,0	3,198	24,00	0,00
16.01.19	65,68	55,68	9,99	309,294	311,948	-2,654	6,0	4,0	3,103	24,00	0,00
17.01.19	66,55	56,41	10,14	310,827	313,500	-2,672	6,0	4,0	3,164	24,00	0,00
18.01.19	66,09	56,19	9,90	310,702	313,367	-2,665	6,0	4,0	3,088	24,00	0,00
19.01.19	65,82	55,91	9,91	312,062	314,741	-2,678	6,0	4,0	3,105	24,00	0,00
20.01.19	65,63	55,80	9,83	310,713	313,349	-2,636	6,0	4,0	3,068	24,00	0,00
21.01.19	66,11	56,17	9,94	307,777	310,414	-2,637	6,0	4,0	3,073	24,00	0,00
22.01.19	66,29	56,15	10,14	307,423	309,984	-2,561	6,0	4,0	3,130	24,00	0,00
23.01.19	67,75	57,16	10,59	308,099	310,683	-2,584	6,0	4,0	3,275	24,00	0,00
24.01.19	71,30	59,56	11,73	309,467	312,070	-2,604	6,0	4,0	3,645	24,00	0,00
25.01.19	69,93	58,76	11,17	310,194	312,751	-2,557	6,0	4,0	3,479	24,00	0,00
26.01.19	69,82	58,14	11,68	305,745	308,353	-2,608	6,0	4,0	3,585	24,00	0,00
27.01.19	72,27	59,75	12,52	306,846	309,443	-2,597	6,0	4,0	3,856	23,97	0,03
28.01.19	72,79	60,63	12,16	306,779	309,379	-2,600	6,0	4,0	3,746	24,00	0,00
29.01.19	71,85	59,92	11,94	306,375	308,984	-2,609	6,0	4,0	3,671	24,00	0,00
30.01.19	69,25	58,00	11,25	304,927	307,479	-2,552	6,0	4,0	3,443	24,00	0,00
31.01.19	71,59	59,47	12,12	303,805	306,430	-2,625	6,0	4,0	3,696	24,00	0,00
01.02.19	67,87	56,85	11,02	304,249	306,861	-2,612	6,0	4,0	3,366	24,00	0,00
02.02.19	68,27	57,17	11,11	304,452	307,108	-2,655	6,0	4,0	3,395	24,00	0,00
03.02.19	73,18	60,53	12,66	304,988	307,567	-2,579	6,0	4,0	3,875	24,00	0,00
04.02.19	77,85	64,27	13,58	308,133	310,705	-2,572	6,0	4,0	4,200	24,00	0,00
05.02.19	79,77	65,51	14,27	310,751	313,374	-2,623	6,0	4,0	4,450	24,00	0,00
06.02.19	80,01	65,78	14,23	312,482	315,101	-2,618	6,0	4,0	4,464	24,00	0,00
07.02.19	78,36	64,56	13,80	311,506	314,147	-2,640	6,0	4,0	4,315	24,00	0,00
08.02.19	74,34	61,85	12,48	310,930	313,539	-2,609	6,0	4,0	3,897	24,00	0,00
09.02.19	70,33	58,82	11,51	307,716	310,331	-2,614	6,0	4,0	3,556	24,00	0,00
10.02.19	67,70	56,90	10,80	309,968	312,645	-2,677	6,0	4,0	3,362	24,00	0,00
11.02.19	66,04	55,89	10,15	308,290	310,931	-2,641	6,0	4,0	3,142	24,00	0,00
12.02.19	65,84	55,84	10,01	307,677	310,308	-2,632	6,0	4,0	3,091	24,00	0,00
13.02.19	64,99	55,13	9,85	307,529	310,170	-2,641	6,0	4,0	3,043	24,00	0,00
14.02.19	65,74	55,96	9,79	308,968	311,630	-2,662	6,0	4,0	3,037	24,00	0,00
15.02.19	65,81	56,16	9,65	307,888	310,563	-2,676	6,0	4,0	2,984	24,00	0,00
16.02.19	65,12	55,41	9,71	308,526	311,182	-2,656	6,0	4,0	3,009	24,00	0,00
17.02.19	65,15	55,12	10,03	308,502	311,157	-2,656	6,0	4,0	3,106	24,00	0,00
18.02.19	65,37	55,80	9,57	310,279	312,926	-2,647	6,0	4,0	2,982	24,00	0,00
19.02.19	65,75	56,00	9,76	308,408	310,717	-2,310	6,0	4,0	3,022	24,00	0,00
20.02.19	65,87	55,83	10,04	306,133	308,742	-2,610	6,0	4,0	3,086	24,00	0,00
21.02.19	65,28	55,41	9,87	307,901	310,532	-2,632	6,0	4,0	3,053	24,00	0,00
22.02.19	63,98	54,70	9,28	310,723	313,312	-2,589	6,0	4,0	2,895	24,00	0,00
23.02.19	65,31	55,59	9,73	310,749	313,432	-2,683	6,0	4,0	3,035	24,00	0,00
24.02.19	65,01	54,97	10,04	309,439	312,148	-2,709	6,0	4,0	3,119	24,00	0,00
25.02.19	65,70	55,89	9,81	310,662	313,364	-2,702	6,0	4,0	3,059	24,00	0,00
26.02.19	65,30	55,53	9,78	310,584	313,264	-2,680	6,0	4,0	3,050	24,00	0,00
27.02.19	65,59	55,88	9,70	311,868	314,470	-2,602	6,0	4,0	3,040	24,00	0,00
28.02.19	65,61	55,46	10,14	294,696	297,306	-2,610	6,0	4,0	3,002	23,98	0,02
01.03.19	64,46	54,83	9,63	297,622	300,278	-2,657	6,0	4,0	2,879	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.
02.03.19	65,03	55,41	9,63	311,121	313,874	-2,753	6,0	4,0	3,008	24,00	0,00
03.03.19	65,08	55,29	9,80	310,043	312,798	-2,756	6,0	4,0	3,051	24,00	0,00
04.03.19	65,05	55,13	9,91	293,219	295,846	-2,627	6,0	4,0	2,919	24,00	0,00
05.03.19	64,77	54,63	10,14	281,983	284,500	-2,517	6,0	4,0	2,871	24,00	0,00
06.03.19	64,42	54,36	10,06	284,579	287,132	-2,553	6,0	4,0	2,875	24,00	0,00
07.03.19	64,76	54,93	9,83	290,607	293,243	-2,636	6,0	4,0	2,868	24,00	0,00
08.03.19	64,21	54,19	10,02	287,782	290,361	-2,579	6,0	4,0	2,895	24,00	0,00
09.03.19	65,06	55,00	10,05	290,010	292,602	-2,592	6,0	4,0	2,928	24,00	0,00
10.03.19	66,12	55,76	10,36	290,867	293,488	-2,621	6,0	4,0	3,026	24,00	0,00
11.03.19	65,31	55,60	9,71	290,842	293,422	-2,580	6,0	4,0	2,836	24,00	0,00
12.03.19	65,31	55,75	9,56	295,265	297,904	-2,639	6,0	4,0	2,835	24,00	0,00
13.03.19	64,65	55,25	9,39	295,707	298,362	-2,655	6,0	4,0	2,790	24,00	0,00
14.03.19	64,77	55,31	9,46	296,472	299,093	-2,620	6,0	4,0	2,816	24,00	0,00
15.03.19	64,18	54,52	9,66	295,882	298,539	-2,657	6,0	4,0	2,870	24,00	0,00
16.03.19	64,39	54,69	9,70	304,844	307,536	-2,692	6,0	4,0	2,971	24,00	0,00
17.03.19	64,79	55,17	9,61	309,476	312,165	-2,689	6,0	4,0	2,988	24,00	0,00
18.03.19	65,25	55,80	9,45	305,111	307,801	-2,690	6,0	4,0	2,896	24,00	0,00
19.03.19	64,70	55,11	9,59	294,178	296,766	-2,588	6,0	4,0	2,833	24,00	0,00
20.03.19	64,71	54,95	9,75	282,669	285,175	-2,505	6,0	4,0	2,769	24,00	0,00
21.03.19	64,22	54,57	9,65	284,679	287,221	-2,542	6,0	4,0	2,759	24,00	0,00
22.03.19	63,97	54,78	9,20	288,397	290,859	-2,462	6,0	4,0	2,664	24,00	0,00
23.03.19	64,30	54,96	9,34	288,866	291,424	-2,559	6,0	4,0	2,709	24,00	0,00
24.03.19	64,09	54,46	9,63	285,984	288,528	-2,543	6,0	4,0	2,766	24,00	0,00
25.03.19	64,04	54,70	9,33	290,606	293,177	-2,572	6,0	4,0	2,724	24,00	0,00
26.03.19	63,24	54,14	9,09	249,056	251,241	-2,185	6,0	4,0	2,275	20,58	3,42
27.03.19	64,15	54,81	9,35	289,429	291,999	-2,570	6,0	4,0	2,717	23,98	0,02
28.03.19	63,18	54,15	9,03	292,578	295,180	-2,602	6,0	4,0	2,653	23,98	0,02
29.03.19	62,59	53,76	8,83	284,176	286,654	-2,478	6,0	4,0	2,521	24,00	0,00
30.03.19	64,12	54,50	9,61	282,202	284,774	-2,572	6,0	4,0	2,724	23,98	0,02
31.03.19	64,31	54,45	9,86	282,280	284,840	-2,561	6,0	4,0	2,795	23,98	0,02
01.04.19	64,28	54,82	9,45	284,523	287,067	-2,544	6,0	4,0	2,701	24,00	0,00
02.04.19	64,10	53,18	10,92	220,255	222,406	-2,151	6,0	4,0	2,414	23,97	0,03
03.04.19	62,66	47,81	14,85	142,195	143,891	-1,695	6,0	4,0	2,117	24,00	0,00
04.04.19	62,02	46,61	15,41	139,405	141,047	-1,641	6,0	4,0	2,153	24,00	0,00
05.04.19	63,07	47,67	15,40	139,709	141,396	-1,688	6,0	4,0	2,157	24,00	0,00
06.04.19	63,19	47,76	15,44	140,240	141,945	-1,705	6,0	4,0	2,170	24,00	0,00
07.04.19	62,73	46,94	15,79	139,803	141,501	-1,698	6,0	4,0	2,213	24,00	0,00
08.04.19	61,06	46,94	14,12	141,561	143,263	-1,702	6,0	4,0	2,004	24,00	0,00
09.04.19	60,68	47,50	13,18	158,557	160,383	-1,825	6,0	4,0	2,096	24,00	0,00
10.04.19	60,63	47,03	13,60	151,090	152,866	-1,776	6,0	4,0	2,060	24,00	0,00
11.04.19	60,66	47,50	13,16	155,079	156,891	-1,812	6,0	4,0	2,047	24,00	0,00
12.04.19	58,73	46,88	11,84	159,911	161,743	-1,832	6,0	4,0	1,900	24,00	0,00
13.04.19	59,78	47,20	12,59	160,088	161,928	-1,840	6,0	4,0	2,021	24,00	0,00
14.04.19	59,41	46,58	12,83	160,917	162,714	-1,798	6,0	4,0	2,070	24,00	0,00
15.04.19	60,19	47,10	13,09	157,861	159,679	-1,818	6,0	4,0	2,072	24,00	0,00
16.04.19	59,82	46,25	13,56	148,116	149,859	-1,743	6,0	4,0	2,014	24,00	0,00
17.04.19	59,62	45,32	14,30	144,963	146,641	-1,677	6,0	4,0	2,078	24,00	0,00
18.04.19	60,23	45,51	14,72	143,865	145,560	-1,695	6,0	4,0	2,123	24,00	0,00
19.04.19	60,20	46,17	14,03	146,876	148,617	-1,741	6,0	4,0	2,066	24,00	0,00
20.04.19	60,70	46,35	14,35	145,864	147,576	-1,712	6,0	4,0	2,098	24,00	0,00
21.04.19	60,24	45,77	14,46	149,332	151,098	-1,766	6,0	4,0	2,165	24,00	0,00
22.04.19	60,32	49,48	10,84	200,379	202,379	-2,001	6,0	4,0	2,179	24,00	0,00
23.04.19	59,70	51,02	8,68	263,770	266,253	-2,484	6,0	4,0	2,300	24,00	0,00
24.04.19	59,96	51,78	8,18	285,134	287,723	-2,589	6,0	4,0	2,343	24,00	0,00
25.04.19	59,39	50,75	8,65	270,649	273,133	-2,484	6,0	4,0	2,351	24,00	0,00
26.04.19	59,86	51,55	8,30	273,013	275,460	-2,447	6,0	4,0	2,278	24,00	0,00
27.04.19	59,75	51,07	8,69	271,582	274,120	-2,538	6,0	4,0	2,370	24,00	0,00
28.04.19	59,42	50,79	8,63	270,538	273,059	-2,521	6,0	4,0	2,344	24,00	0,00
29.04.19	60,33	51,41	8,92	268,147	270,639	-2,492	6,0	4,0	2,402	24,00	0,00
30.04.19	59,98	51,20	8,77	268,304	270,794	-2,489	6,0	4,0	2,364	24,00	0,00
01.05.19	59,06	50,52	8,54	271,050	273,606	-2,556	6,0	4,0	2,325	24,00	0,00
02.05.19	58,70	50,26	8,44	273,374	275,941	-2,567	6,0	4,0	2,317	24,00	0,00
03.05.19	59,33	51,20	8,13	281,392	284,020	-2,628	6,0	4,0	2,298	24,00	0,00
04.05.19	59,03	51,35	7,68	286,631	289,273	-2,642	6,0	4,0	2,212	24,00	0,00
05.05.19	58,54	50,95	7,59	290,788	293,417	-2,630	6,0	4,0	2,220	24,00	0,00
06.05.19	58,47	52,35	6,12	328,417	331,299	-2,882	6,0	4,0	2,023	23,97	0,03
07.05.19	58,19	54,18	4,01	221,902	224,113	-2,211	6,0	4,0	0,900	24,00	0,00
08.05.19	66,96	64,44	2,51	148,794	150,550	-1,756	6,0	4,0	0,380	24,00	0,00
09.05.19	63,42	60,87	2,55	150,324	152,050	-1,726	6,0	4,0	0,390	24,00	0,00
10.05.19	62,99	60,63	2,36	151,626	153,396	-1,771	6,0	4,0	0,364	24,00	0,00
11.05.19	62,78	60,42	2,36	151,103	152,863	-1,760	6,0	4,0	0,363	24,00	0,00
12.05.19	63,12	60,49	2,63	152,607	154,391	-1,785	6,0	4,0	0,409	24,00	0,00
13.05.19	62,71	60,52	2,19	154,575	156,394	-1,819	6,0	4,0	0,345	24,00	0,00
14.05.19	63,56	61,12	2,44	159,068	160,924	-1,856	6,0	4,0	0,395	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.
15.05.19	55,99	55,48	0,51	24,953	25,253	-0,300	6,0	4,0	0,013	24,00	0,00
16.05.19	20,73	21,42	-0,69	0,000	0,000	0,000	6,0	4,0	0,000	10,98	13,02
17.05.19	-	-	-	-	-	-	-	-	-	-	-
18.05.19	-	-	-	-	-	-	-	-	-	-	-
19.05.19	-	-	-	-	-	-	-	-	-	-	-
20.05.19	-	-	-	-	-	-	-	-	-	-	-
21.05.19	-	-	-	-	-	-	-	-	-	-	-
22.05.19	-	-	-	-	-	-	-	-	-	-	-
23.05.19	-	-	-	-	-	-	-	-	-	-	-
24.05.19	-	-	-	-	-	-	-	-	-	-	-
25.05.19	-	-	-	-	-	-	-	-	-	-	-
26.05.19	-	-	-	-	-	-	-	-	-	-	-
27.05.19	26,59	26,47	0,12	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
28.05.19	-	-	-	-	-	-	-	-	-	-	-
29.05.19	26,59	26,47	0,12	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
30.05.19	-	-	-	-	-	-	-	-	-	-	-
31.05.19	-	-	-	-	-	-	-	-	-	-	-
01.06.19	-	-	-	-	-	-	-	-	-	-	-
02.06.19	-	-	-	-	-	-	-	-	-	-	-
03.06.19	-	-	-	-	-	-	-	-	-	-	-
04.06.19	-	-	-	-	-	-	-	-	-	-	-
05.06.19	-	-	-	-	-	-	-	-	-	-	-
06.06.19	-	-	-	-	-	-	-	-	-	-	-
07.06.19	-	-	-	-	-	-	-	-	-	-	-
08.06.19	-	-	-	-	-	-	-	-	-	-	-
09.06.19	-	-	-	-	-	-	-	-	-	-	-
10.06.19	-	-	-	-	-	-	-	-	-	-	-
11.06.19	26,59	26,47	0,12	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
12.06.19	-	-	-	-	-	-	-	-	-	-	-
13.06.19	64,23	60,34	3,89	50,975	51,648	-0,673	6,0	4,0	0,200	10,15	13,85
14.06.19	66,08	62,79	3,29	121,647	123,232	-1,585	6,0	4,0	0,406	24,00	0,00
15.06.19	66,06	62,42	3,65	117,942	119,495	-1,552	6,0	4,0	0,436	24,00	0,00
16.06.19	63,83	59,38	4,45	115,340	116,864	-1,524	6,0	4,0	0,520	24,00	0,00
17.06.19	66,10	62,69	3,40	121,587	123,199	-1,612	6,0	4,0	0,419	24,00	0,00
18.06.19	66,27	62,99	3,28	120,712	122,315	-1,602	6,0	4,0	0,401	24,00	0,00
19.06.19	65,25	61,78	3,47	120,880	122,473	-1,594	6,0	4,0	0,425	24,00	0,00
20.06.19	67,36	64,10	3,25	108,227	109,671	-1,444	6,0	4,0	0,357	20,83	3,17
21.06.19	66,50	63,43	3,08	123,156	124,779	-1,623	6,0	4,0	0,384	24,00	0,00
22.06.19	61,57	59,55	2,02	118,784	120,296	-1,513	6,0	4,0	0,245	24,00	0,00
23.06.19	64,00	59,99	4,01	122,857	124,478	-1,621	6,0	4,0	0,498	24,00	0,00
24.06.19	64,70	61,59	3,11	122,928	124,539	-1,612	6,0	4,0	0,387	24,00	0,00
25.06.19	64,48	61,46	3,02	121,019	122,612	-1,593	6,0	4,0	0,371	24,00	0,00
26.06.19	68,83	65,68	3,15	123,942	125,595	-1,652	6,0	4,0	0,396	24,00	0,00
27.06.19	65,04	61,90	3,14	122,502	124,126	-1,624	6,0	4,0	0,390	24,00	0,00
28.06.19	66,62	63,40	3,22	123,481	125,154	-1,672	6,0	4,0	0,403	24,00	0,00
29.06.19	65,35	61,83	3,52	123,903	125,575	-1,672	6,0	4,0	0,441	24,00	0,00
30.06.19	63,09	59,79	3,30	122,191	123,831	-1,640	6,0	4,0	0,409	23,93	0,07
01.07.19	66,82	62,87	3,95	117,412	119,053	-1,641	6,0	4,0	0,468	23,98	0,02
02.07.19	63,75	60,42	3,33	117,741	119,317	-1,577	6,0	4,0	0,397	24,00	0,00
03.07.19	69,19	65,50	3,68	113,662	115,214	-1,552	6,0	4,0	0,423	22,57	1,43
04.07.19	63,80	61,01	2,80	121,182	122,809	-1,627	6,0	4,0	0,344	24,00	0,00
05.07.19	67,70	64,33	3,37	125,345	127,042	-1,698	6,0	4,0	0,428	24,00	0,00
06.07.19	64,58	61,36	3,22	117,785	119,366	-1,581	6,0	4,0	0,385	24,00	0,00
07.07.19	71,28	67,67	3,61	120,158	121,830	-1,671	6,0	4,0	0,439	24,00	0,00
08.07.19	65,50	62,31	3,19	123,206	124,845	-1,639	6,0	4,0	0,399	24,00	0,00
09.07.19	67,38	64,35	3,04	130,118	131,858	-1,741	6,0	4,0	0,401	24,00	0,00
10.07.19	64,56	61,63	2,92	131,256	132,986	-1,730	6,0	4,0	0,389	24,00	0,00
11.07.19	63,72	60,92	2,80	130,865	132,594	-1,729	6,0	4,0	0,372	24,00	0,00
12.07.19	66,11	63,25	2,86	131,359	133,096	-1,737	6,0	4,0	0,381	24,00	0,00
13.07.19	66,43	63,12	3,31	132,021	133,793	-1,772	6,0	4,0	0,443	24,00	0,00
14.07.19	66,58	63,50	3,08	131,990	133,755	-1,765	6,0	4,0	0,412	24,00	0,00
15.07.19	66,97	63,92	3,06	132,235	134,019	-1,784	6,0	4,0	0,410	24,00	0,00
16.07.19	63,36	61,14	2,22	129,095	130,751	-1,656	6,0	4,0	0,292	24,00	0,00
17.07.19	31,95	31,31	0,64	112,590	113,838	-1,247	6,0	4,0	0,077	24,00	0,00
18.07.19	38,19	36,12	2,08	117,076	118,446	-1,370	6,0	4,0	0,247	24,00	0,00
19.07.19	63,34	60,36	2,98	131,806	133,558	-1,752	6,0	4,0	0,398	24,00	0,00
20.07.19	65,72	62,93	2,79	134,848	136,654	-1,806	6,0	4,0	0,383	24,00	0,00
21.07.19	63,44	60,96	2,48	133,614	135,363	-1,749	6,0	4,0	0,338	24,00	0,00
22.07.19	65,04	62,31	2,73	134,958	136,710	-1,751	6,0	4,0	0,373	24,00	0,00
23.07.19	65,34	62,38	2,96	134,563	136,321	-1,758	6,0	4,0	0,404	24,00	0,00
24.07.19	65,49	62,10	3,39	134,748	136,499	-1,751	6,0	4,0	0,463	24,00	0,00
25.07.19	66,44	63,61	2,83	136,705	138,497	-1,793	6,0	4,0	0,392	24,00	0,00
26.07.19	65,15	62,17	2,98	136,587	138,389	-1,802	6,0	4,0	0,413	24,00	0,00
27.07.19	66,57	64,00	2,58	137,468	139,302	-1,834	6,0	4,0	0,360	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	65,47	62,16	3,32	127,708	129,422	-1,714	6,0	4,0	0,429	22,32	1,68
29.07.19	64,95	61,73	3,22	136,328	138,147	-1,819	6,0	4,0	0,445	24,00	0,00
30.07.19	65,89	63,95	1,94	63,849	64,697	-0,848	6,0	4,0	0,127	11,12	12,88
31.07.19	26,92	15,71	11,21	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
01.08.19	22,20	16,41	5,79	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
02.08.19	23,17	22,54	0,62	78,303	79,146	-0,843	6,0	4,0	0,052	15,25	8,75
03.08.19	65,14	61,61	3,53	128,743	130,482	-1,740	6,0	4,0	0,459	24,00	0,00
04.08.19	65,86	62,56	3,30	127,759	129,473	-1,714	6,0	4,0	0,428	24,00	0,00
05.08.19	66,37	63,16	3,21	120,627	122,264	-1,637	6,0	4,0	0,393	22,15	1,85
06.08.19	65,85	62,62	3,23	132,123	133,927	-1,804	6,0	4,0	0,433	24,00	0,00
07.08.19	67,43	64,32	3,10	132,270	133,567	-1,298	6,0	4,0	0,419	24,00	0,00
08.08.19	66,25	63,06	3,19	132,544	134,308	-1,764	6,0	4,0	0,429	24,00	0,00
09.08.19	66,10	62,85	3,25	127,870	129,590	-1,721	6,0	4,0	0,421	24,00	0,00
10.08.19	66,93	63,50	3,43	128,633	130,398	-1,766	6,0	4,0	0,447	24,00	0,00
11.08.19	65,94	62,61	3,33	128,332	130,088	-1,756	6,0	4,0	0,433	24,00	0,00
12.08.19	66,56	63,49	3,07	127,797	129,525	-1,728	6,0	4,0	0,398	24,00	0,00
13.08.19	64,63	61,62	3,01	126,787	128,487	-1,700	6,0	4,0	0,388	23,60	0,40
14.08.19	66,57	63,52	3,05	128,169	129,896	-1,727	6,0	4,0	0,396	24,00	0,00
15.08.19	68,39	65,21	3,18	129,397	131,099	-1,702	6,0	4,0	0,417	24,00	0,00
16.08.19	67,57	64,46	3,11	128,851	130,555	-1,705	6,0	4,0	0,407	24,00	0,00
17.08.19	66,90	63,92	2,99	129,330	131,046	-1,715	6,0	4,0	0,392	24,00	0,00
18.08.19	66,13	62,59	3,54	132,700	134,469	-1,769	6,0	4,0	0,476	24,00	0,00
19.08.19	67,98	64,91	3,07	130,524	132,288	-1,764	6,0	4,0	0,407	24,00	0,00
20.08.19	67,69	64,43	3,26	128,567	130,322	-1,755	6,0	4,0	0,426	24,00	0,00
21.08.19	65,90	62,69	3,21	129,168	130,888	-1,719	6,0	4,0	0,420	24,00	0,00
22.08.19	67,80	64,70	3,10	131,056	132,794	-1,737	6,0	4,0	0,412	24,00	0,00
23.08.19	65,92	62,98	2,94	130,578	132,320	-1,742	6,0	4,0	0,390	24,00	0,00
24.08.19	66,86	63,68	3,18	129,745	131,435	-1,691	6,0	4,0	0,418	24,00	0,00
25.08.19	67,14	63,32	3,82	129,489	131,216	-1,727	6,0	4,0	0,501	24,00	0,00
26.08.19	65,68	62,39	3,29	129,047	130,742	-1,695	6,0	4,0	0,430	23,97	0,03
27.08.19	65,02	61,66	3,36	128,339	130,027	-1,688	6,0	4,0	0,437	24,00	0,00
28.08.19	66,76	63,48	3,27	128,851	130,625	-1,774	6,0	4,0	0,428	24,00	0,00
29.08.19	66,40	63,23	3,18	134,845	136,642	-1,796	6,0	4,0	0,435	24,00	0,00
30.08.19	65,78	62,58	3,20	126,804	128,500	-1,695	6,0	4,0	0,412	24,00	0,00
31.08.19	65,77	62,36	3,41	118,462	119,970	-1,508	6,0	4,0	0,409	24,00	0,00
01.09.19	72,64	67,79	4,85	114,544	116,073	-1,530	6,0	4,0	0,561	24,00	0,00
02.09.19	65,86	61,93	3,93	109,721	111,136	-1,416	6,0	4,0	0,436	24,00	0,00
03.09.19	72,40	68,52	3,87	128,224	129,923	-1,700	6,0	4,0	0,502	24,00	0,00
04.09.19	74,88	70,65	4,23	130,030	131,786	-1,757	6,0	4,0	0,556	24,00	0,00
05.09.19	75,19	71,25	3,94	128,504	130,245	-1,741	6,0	4,0	0,513	24,00	0,00
06.09.19	67,68	64,17	3,52	117,991	119,509	-1,518	6,0	4,0	0,421	24,00	0,00
07.09.19	68,51	64,86	3,65	124,806	126,436	-1,630	6,0	4,0	0,462	24,00	0,00
08.09.19	74,00	69,85	4,15	131,476	133,217	-1,742	6,0	4,0	0,552	24,00	0,00
09.09.19	75,32	71,79	3,53	130,112	131,863	-1,751	6,0	4,0	0,465	24,00	0,00
10.09.19	66,76	63,24	3,51	114,761	116,104	-1,343	6,0	4,0	0,410	24,00	0,00
11.09.19	73,73	69,99	3,74	127,008	128,718	-1,710	6,0	4,0	0,481	24,00	0,00
12.09.19	64,54	61,55	2,99	109,203	110,599	-1,396	6,0	4,0	0,332	24,00	0,00
13.09.19	42,48	39,48	3,00	97,378	98,448	-1,069	6,0	4,0	0,296	24,00	0,00
14.09.19	77,20	73,31	3,89	133,505	135,345	-1,840	6,0	4,0	0,525	24,00	0,00
15.09.19	65,71	61,68	4,03	116,201	117,735	-1,533	6,0	4,0	0,475	24,00	0,00
16.09.19	72,86	69,04	3,82	132,132	133,946	-1,813	6,0	4,0	0,511	24,00	0,00
17.09.19	71,87	67,84	4,03	106,712	108,207	-1,495	6,0	4,0	0,435	24,00	0,00
18.09.19	62,64	57,24	5,41	249,028	250,363	-1,335	6,0	4,0	1,360	24,00	0,00
19.09.19	60,22	53,88	6,35	348,994	351,801	-2,807	6,0	4,0	2,230	24,00	0,00
20.09.19	60,54	52,30	8,24	285,245	287,575	-2,330	6,0	4,0	2,362	24,00	0,00
21.09.19	59,06	51,16	7,90	275,723	278,454	-2,730	6,0	4,0	2,190	24,00	0,00
22.09.19	59,39	51,42	7,98	269,695	272,307	-2,612	6,0	4,0	2,161	24,00	0,00
23.09.19	58,58	50,35	8,24	254,937	257,049	-2,112	6,0	4,0	2,111	24,00	0,00
24.09.19	61,61	52,77	8,84	277,693	279,950	-2,257	6,0	4,0	2,469	24,00	0,00
25.09.19	61,01	52,11	8,90	279,178	281,786	-2,608	6,0	4,0	2,495	24,00	0,00
26.09.19	49,43	43,76	5,67	278,147	280,630	-2,483	6,0	4,0	1,561	24,00	0,00
27.09.19	59,32	50,53	8,80	267,668	270,414	-2,746	6,0	4,0	2,364	24,00	0,00
28.09.19	60,97	51,85	9,12	247,650	250,233	-2,583	6,0	4,0	2,267	24,00	0,00
29.09.19	60,68	51,10	9,58	247,953	250,518	-2,566	6,0	4,0	2,385	24,00	0,00
30.09.19	61,43	52,33	9,10	258,321	260,315	-1,994	6,0	4,0	2,360	24,00	0,00
01.10.19	60,90	52,43	8,47	279,852	282,513	-2,661	6,0	4,0	2,382	24,00	0,00
02.10.19	61,11	53,14	7,97	299,626	302,359	-2,733	6,0	4,0	2,400	24,00	0,00
03.10.19	64,17	55,61	8,56	309,630	312,698	-3,068	6,0	4,0	2,663	24,00	0,00
04.10.19	66,98	58,44	8,54	322,841	326,000	-3,159	6,0	4,0	2,770	24,00	0,00
05.10.19	67,83	59,41	8,42	327,454	330,657	-3,203	6,0	4,0	2,771	24,00	0,00
06.10.19	67,79	59,55	8,24	331,016	334,214	-3,197	6,0	4,0	2,742	24,00	0,00
07.10.19	68,18	60,54	7,64	351,130	354,488	-3,358	6,0	4,0	2,698	24,00	0,00
08.10.19	68,93	61,58	7,35	371,657	375,191	-3,534	6,0	4,0	2,748	24,00	0,00
09.10.19	68,51	61,13	7,38	381,968	385,514	-3,546	6,0	4,0	2,836	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	67,05	59,59	7,46	362,281	365,661	-3,381	6,0	4,0	2,718	24,00	0,00
11.10.19	65,70	58,13	7,57	347,115	350,395	-3,281	6,0	4,0	2,642	24,00	0,00
12.10.19	66,60	58,77	7,84	347,977	351,275	-3,297	6,0	4,0	2,742	24,00	0,00
13.10.19	66,30	58,35	7,95	346,919	350,199	-3,280	6,0	4,0	2,774	24,00	0,00
14.10.19	66,89	59,09	7,80	359,060	362,392	-3,332	6,0	4,0	2,817	24,00	0,00
15.10.19	66,91	59,04	7,87	357,784	361,124	-3,340	6,0	4,0	2,831	24,00	0,00
16.10.19	66,00	57,97	8,03	344,802	348,032	-3,230	6,0	4,0	2,783	24,00	0,00
17.10.19	64,82	56,71	8,12	341,163	344,404	-3,240	6,0	4,0	2,783	24,00	0,00
18.10.19	64,47	56,31	8,16	337,757	340,935	-3,178	6,0	4,0	2,769	24,00	0,00
19.10.19	64,01	55,52	8,49	330,600	333,717	-3,117	6,0	4,0	2,821	23,85	0,15
20.10.19	63,42	54,74	8,68	329,331	332,474	-3,142	6,0	4,0	2,872	24,00	0,00
21.10.19	63,43	55,05	8,38	327,181	329,910	-2,729	6,0	4,0	2,756	23,98	0,02
22.10.19	64,03	55,66	8,37	331,037	334,225	-3,187	6,0	4,0	2,783	24,00	0,00
23.10.19	64,33	55,94	8,39	330,631	333,746	-3,115	6,0	4,0	2,787	23,98	0,02
24.10.19	65,22	56,75	8,47	335,695	338,909	-3,214	6,0	4,0	2,856	24,00	0,00
25.10.19	65,61	57,18	8,43	332,925	336,118	-3,193	6,0	4,0	2,821	24,00	0,00
26.10.19	66,09	57,67	8,42	334,266	337,482	-3,216	6,0	4,0	2,830	24,00	0,00
27.10.19	66,21	57,68	8,53	333,420	336,642	-3,222	6,0	4,0	2,857	24,00	0,00
28.10.19	66,36	58,08	8,29	336,812	340,049	-3,237	6,0	4,0	2,806	24,00	0,00
29.10.19	65,14	56,91	8,23	329,461	332,568	-3,107	6,0	4,0	2,725	24,00	0,00
30.10.19	64,82	56,16	8,66	321,997	325,038	-3,041	6,0	4,0	2,801	24,00	0,00
31.10.19	63,50	54,81	8,69	316,400	319,369	-2,969	6,0	4,0	2,762	24,00	0,00
01.11.19	63,01	54,07	8,95	312,821	315,787	-2,965	6,0	4,0	2,811	24,00	0,00
02.11.19	62,87	54,01	8,86	314,790	317,768	-2,978	6,0	4,0	2,802	24,00	0,00
03.11.19	63,23	54,22	9,01	309,545	312,498	-2,953	6,0	4,0	2,801	24,00	0,00
04.11.19	63,78	53,99	9,79	306,949	309,920	-2,971	6,0	4,0	3,018	24,00	0,00
05.11.19	63,63	49,52	14,11	310,950	314,002	-3,052	6,0	4,0	4,399	24,00	0,00
06.11.19	64,67	50,04	14,63	299,598	302,632	-3,034	6,0	4,0	4,394	24,00	0,00
07.11.19	65,02	50,50	14,52	302,826	305,858	-3,032	6,0	4,0	4,408	24,00	0,00
08.11.19	64,09	52,87	11,23	304,247	307,166	-2,919	6,0	4,0	3,427	24,00	0,00
09.11.19	63,37	54,11	9,26	296,838	299,703	-2,865	6,0	4,0	2,760	24,00	0,00
10.11.19	63,25	53,70	9,55	296,101	298,964	-2,863	6,0	4,0	2,840	24,00	0,00
11.11.19	63,48	54,14	9,34	297,458	300,340	-2,882	6,0	4,0	2,790	24,00	0,00
12.11.19	64,49	55,28	9,21	302,149	305,071	-2,922	6,0	4,0	2,796	24,00	0,00
13.11.19	64,27	55,00	9,27	298,614	301,436	-2,822	6,0	4,0	2,781	24,00	0,00
14.11.19	65,00	55,03	9,97	292,206	295,013	-2,807	6,0	4,0	2,926	24,00	0,00
15.11.19	65,66	55,31	10,35	289,030	291,838	-2,808	6,0	4,0	3,004	24,00	0,00
16.11.19	66,37	56,03	10,34	294,238	297,114	-2,877	6,0	4,0	3,055	24,00	0,00
17.11.19	66,58	56,21	10,38	296,211	299,078	-2,867	6,0	4,0	3,086	24,00	0,00
18.11.19	67,12	56,85	10,26	296,150	299,010	-2,860	6,0	4,0	3,052	24,00	0,00
19.11.19	75,30	62,25	13,05	289,153	292,031	-2,878	6,0	4,0	3,786	24,00	0,00
20.11.19	74,90	61,81	13,09	286,824	289,683	-2,859	6,0	4,0	3,769	24,00	0,00
21.11.19	69,69	57,65	12,04	286,028	288,876	-2,848	6,0	4,0	3,455	24,00	0,00
22.11.19	65,82	55,09	10,73	283,985	286,763	-2,778	6,0	4,0	3,059	24,00	0,00
23.11.19	65,96	55,04	10,92	283,992	286,819	-2,827	6,0	4,0	3,112	24,00	0,00
24.11.19	66,13	55,30	10,83	284,632	287,443	-2,811	6,0	4,0	3,093	24,00	0,00
25.11.19	66,90	55,86	11,04	275,131	277,872	-2,741	6,0	4,0	3,049	24,00	0,00
26.11.19	65,49	54,67	10,82	265,839	268,521	-2,683	6,0	4,0	2,887	24,00	0,00
27.11.19	65,14	54,14	11,00	265,194	267,881	-2,687	6,0	4,0	2,929	24,00	0,00
28.11.19	66,05	54,85	11,20	264,451	267,146	-2,696	6,0	4,0	2,973	24,00	0,00
29.11.19	66,74	55,44	11,31	261,232	263,925	-2,693	6,0	4,0	2,965	24,00	0,00
30.11.19	66,26	54,83	11,43	260,038	262,692	-2,654	6,0	4,0	2,984	24,00	0,00
01.12.19	65,52	53,93	11,59	258,509	261,200	-2,691	6,0	4,0	3,008	24,00	0,00
02.12.19	65,94	54,61	11,33	260,537	263,224	-2,687	6,0	4,0	2,963	24,00	0,00
03.12.19	66,34	55,04	11,30	264,682	267,377	-2,695	6,0	4,0	3,002	24,00	0,00
04.12.19	65,94	54,91	11,03	265,997	268,736	-2,739	6,0	4,0	2,945	24,00	0,00
05.12.19	65,72	54,43	11,29	266,756	269,479	-2,724	6,0	4,0	3,022	24,00	0,00
06.12.19	65,53	54,47	11,06	266,931	269,642	-2,711	6,0	4,0	2,963	24,00	0,00
07.12.19	66,73	55,61	11,11	271,552	274,329	-2,777	6,0	4,0	3,029	24,00	0,00
08.12.19	67,30	56,19	11,11	274,607	277,423	-2,815	6,0	4,0	3,063	24,00	0,00
09.12.19	67,09	56,26	10,84	275,963	278,763	-2,800	6,0	4,0	3,002	23,88	0,12
10.12.19	68,62	57,74	10,88	278,169	281,026	-2,857	6,0	4,0	3,039	24,00	0,00
11.12.19	69,07	58,01	11,05	281,620	284,511	-2,891	6,0	4,0	3,125	24,00	0,00
12.12.19	68,09	57,20	10,89	276,432	279,222	-2,789	6,0	4,0	3,022	24,00	0,00
13.12.19	67,24	56,31	10,93	273,177	275,958	-2,781	6,0	4,0	2,998	24,00	0,00
14.12.19	66,83	55,95	10,89	272,222	274,964	-2,742	6,0	4,0	2,975	24,00	0,00
15.12.19	66,28	55,23	11,05	271,572	274,313	-2,741	6,0	4,0	3,013	24,00	0,00
16.12.19	66,58	55,72	10,86	272,760	275,527	-2,766	6,0	4,0	2,974	24,00	0,00
17.12.19	66,69	55,85	10,85	274,350	277,125	-2,775	6,0	4,0	2,987	24,00	0,00
18.12.19	66,78	55,75	11,03	273,846	276,617	-2,770	6,0	4,0	3,032	24,00	0,00
19.12.19	66,73	55,85	10,88	274,962	277,756	-2,794	6,0	4,0	3,003	24,00	0,00
20.12.19	66,31	55,50	10,81	274,763	277,548	-2,785	6,0	4,0	2,981	24,00	0,00
21.12.19	65,64	54,65	10,99	270,728	273,454	-2,726	6,0	4,0	2,987	24,00	0,00
22.12.19	65,83	54,13	11,70	269,278	271,994	-2,717	6,0	4,0	3,161	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	64,92	54,03	10,89	269,130	271,850	-2,720	6,0	4,0	2,942	23,97	0,03
24.12.19	66,14	54,98	11,16	270,858	273,637	-2,779	6,0	4,0	3,035	24,00	0,00
25.12.19	67,57	56,62	10,95	276,535	279,354	-2,819	6,0	4,0	3,040	24,00	0,00
26.12.19	67,19	56,13	11,07	277,182	279,974	-2,792	6,0	4,0	3,079	24,00	0,00
27.12.19	67,52	56,57	10,95	273,193	276,001	-2,808	6,0	4,0	3,003	24,00	0,00
28.12.19	66,97	55,74	11,23	271,780	274,539	-2,759	6,0	4,0	3,063	24,00	0,00
29.12.19	68,22	56,17	12,05	270,333	273,061	-2,728	6,0	4,0	3,269	24,00	0,00
30.12.19	74,93	61,13	13,80	270,281	273,001	-2,721	6,0	4,0	3,742	23,72	0,28
31.12.19	72,18	59,47	12,71	288,040	290,936	-2,896	6,0	4,0	3,673	24,00	0,00
Итого	60,21	52,75	7,46	78831,443	79613,628	-782,185	5,61	3,74	708,361	8002,63	181,37

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Представитель обслуживающей организации:

