

**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. Махнева, д. 7**

Система отопления: двухтрубная зависимая	Эльф-01	47033409	10.08.2021
Расчетная формула тепловой энергии:	Взлёт ЭРСВ-420Л-80	608681	03.08.2021
$Q = G^2 \times (T^1 - T^2) / 10000$, Гкал	Взлёт ЭРСВ-420Л-80	908796	03.08.2021
	КТСП-Н	36237	01.08.2021

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	72,63	57,09	15,53	262,383	267,985	-5,603	6,0	4,0	4,078	24,00	0,00
02.01.19	71,05	56,17	14,88	265,671	271,371	-5,700	6,0	4,0	3,954	24,00	0,00
03.01.19	68,65	54,64	14,01	269,294	275,070	-5,776	6,0	4,0	3,773	24,00	0,00
04.01.19	68,86	54,88	13,97	269,604	275,375	-5,772	6,0	4,0	3,769	24,00	0,00
05.01.19	68,46	54,52	13,94	270,815	276,630	-5,815	6,0	4,0	3,775	24,00	0,00
06.01.19	67,56	53,65	13,92	274,081	279,944	-5,863	6,0	4,0	3,815	24,00	0,00
07.01.19	68,73	54,64	14,08	268,150	273,901	-5,751	6,0	4,0	3,777	24,00	0,00
08.01.19	68,60	54,00	14,61	270,772	276,525	-5,753	6,0	4,0	3,956	24,00	0,00
09.01.19	69,01	54,48	14,53	267,596	273,264	-5,668	6,0	4,0	3,889	24,00	0,00
10.01.19	68,95	54,22	14,73	270,929	276,683	-5,754	6,0	4,0	3,991	24,00	0,00
11.01.19	68,45	54,28	14,17	267,992	273,661	-5,669	6,0	4,0	3,799	24,00	0,00
12.01.19	68,39	53,87	14,52	271,999	277,766	-5,768	6,0	4,0	3,950	24,00	0,00
13.01.19	67,73	53,71	14,02	275,932	281,788	-5,856	6,0	4,0	3,869	24,00	0,00
14.01.19	67,44	53,97	13,47	271,179	276,934	-5,755	6,0	4,0	3,654	24,00	0,00
15.01.19	68,12	54,41	13,71	271,495	277,282	-5,788	6,0	4,0	3,724	24,00	0,00
16.01.19	67,51	53,95	13,56	274,425	280,290	-5,865	6,0	4,0	3,721	24,00	0,00
17.01.19	68,03	54,27	13,76	272,449	278,242	-5,793	6,0	4,0	3,748	24,00	0,00
18.01.19	67,89	54,20	13,69	274,174	280,033	-5,859	6,0	4,0	3,754	24,00	0,00
19.01.19	67,72	54,26	13,46	274,997	280,875	-5,877	6,0	4,0	3,701	24,00	0,00
20.01.19	67,06	53,42	13,64	280,997	287,047	-6,050	6,0	4,0	3,833	24,00	0,00
21.01.19	68,11	54,49	13,63	271,253	277,038	-5,785	6,0	4,0	3,697	24,00	0,00
22.01.19	68,49	54,76	13,73	271,171	276,970	-5,798	6,0	4,0	3,724	24,00	0,00
23.01.19	69,80	55,34	14,46	268,108	273,834	-5,726	6,0	4,0	3,877	24,00	0,00
24.01.19	73,99	57,93	16,06	263,591	269,244	-5,652	6,0	4,0	4,236	24,00	0,00
25.01.19	72,47	57,06	15,40	265,001	270,591	-5,590	6,0	4,0	4,083	24,00	0,00
26.01.19	72,28	56,36	15,93	266,633	272,207	-5,574	6,0	4,0	4,248	24,00	0,00
27.01.19	74,73	57,63	17,11	265,227	270,782	-5,555	6,0	4,0	4,540	24,00	0,00
28.01.19	74,49	57,50	16,99	264,862	270,398	-5,536	6,0	4,0	4,504	24,00	0,00
29.01.19	74,61	57,88	16,73	261,796	267,261	-5,465	6,0	4,0	4,383	24,00	0,00
30.01.19	70,86	55,65	15,21	265,858	271,319	-5,461	6,0	4,0	4,044	24,00	0,00
31.01.19	72,79	56,59	16,21	263,495	268,899	-5,404	6,0	4,0	4,272	24,00	0,00
01.02.19	67,81	53,41	14,40	269,284	274,718	-5,434	6,0	4,0	3,879	24,00	0,00
02.02.19	71,94	55,87	16,06	265,405	270,866	-5,460	6,0	4,0	4,266	24,00	0,00
03.02.19	75,69	58,06	17,64	261,958	267,345	-5,387	6,0	4,0	4,624	24,00	0,00
04.02.19	81,02	61,53	19,49	257,883	263,229	-5,346	6,0	4,0	5,033	24,00	0,00
05.02.19	84,37	63,56	20,80	256,464	261,814	-5,350	6,0	4,0	5,343	24,00	0,00
06.02.19	82,83	62,87	19,95	256,245	261,594	-5,349	6,0	4,0	5,120	24,00	0,00
07.02.19	80,82	61,43	19,39	256,804	262,087	-5,283	6,0	4,0	4,986	24,00	0,00
08.02.19	76,35	59,01	17,33	257,115	262,297	-5,182	6,0	4,0	4,461	24,00	0,00
09.02.19	73,91	57,37	16,54	262,889	268,223	-5,334	6,0	4,0	4,352	24,00	0,00
10.02.19	72,75	56,77	15,98	267,264	272,760	-5,496	6,0	4,0	4,273	24,00	0,00
11.02.19	69,82	55,10	14,73	270,958	276,526	-5,568	6,0	4,0	3,992	24,00	0,00
12.02.19	67,15	53,51	13,65	273,558	279,146	-5,589	6,0	4,0	3,734	24,00	0,00
13.02.19	67,26	53,69	13,57	273,650	279,280	-5,629	6,0	4,0	3,714	24,00	0,00
14.02.19	67,26	53,79	13,47	274,090	279,790	-5,700	6,0	4,0	3,695	24,00	0,00
15.02.19	68,01	54,36	13,65	273,895	279,593	-5,697	6,0	4,0	3,739	24,00	0,00
16.02.19	65,64	52,80	12,84	279,295	285,070	-5,775	6,0	4,0	3,587	24,00	0,00
17.02.19	67,38	53,70	13,68	278,173	283,994	-5,821	6,0	4,0	3,807	24,00	0,00
18.02.19	67,22	54,05	13,17	274,082	279,823	-5,741	6,0	4,0	3,611	24,00	0,00
19.02.19	67,29	53,98	13,31	273,963	279,675	-5,712	6,0	4,0	3,648	24,00	0,00
20.02.19	68,19	54,33	13,86	270,801	276,413	-5,612	6,0	4,0	3,756	24,00	0,00
21.02.19	66,99	53,38	13,61	274,507	280,135	-5,628	6,0	4,0	3,737	24,00	0,00
22.02.19	67,88	54,19	13,69	272,968	278,625	-5,657	6,0	4,0	3,739	24,00	0,00
23.02.19	67,66	53,94	13,73	275,314	281,036	-5,723	6,0	4,0	3,780	24,00	0,00
24.02.19	67,26	53,58	13,68	275,037	280,731	-5,694	6,0	4,0	3,764	24,00	0,00
25.02.19	66,92	53,50	13,42	275,534	281,206	-5,672	6,0	4,0	3,698	24,00	0,00
26.02.19	66,49	53,36	13,13	274,474	280,124	-5,650	6,0	4,0	3,604	24,00	0,00
27.02.19	67,08	53,75	13,33	274,350	280,030	-5,680	6,0	4,0	3,658	24,00	0,00
28.02.19	67,05	53,72	13,33	277,227	283,004	-5,777	6,0	4,0	3,697	24,00	0,00
01.03.19	67,33	53,81	13,52	279,296	285,166	-5,870	6,0	4,0	3,777	24,00	0,00
02.03.19	66,64	53,64	13,00	280,553	286,419	-5,866	6,0	4,0	3,649	24,00	0,00
03.03.19	67,26	53,89	13,37	280,837	286,729	-5,892	6,0	4,0	3,756	24,00	0,00
04.03.19	66,77	53,65	13,12	276,903	282,664	-5,761	6,0	4,0	3,635	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.
05.03.19	66,63	53,48	13,15	280,664	286,517	-5,853	6,0	4,0	3,691	24,00	0,00
06.03.19	66,12	53,38	12,74	283,669	289,544	-5,875	6,0	4,0	3,614	24,00	0,00
07.03.19	65,97	53,42	12,56	287,220	293,176	-5,957	6,0	4,0	3,608	24,00	0,00
08.03.19	66,25	53,44	12,81	285,452	291,354	-5,902	6,0	4,0	3,657	24,00	0,00
09.03.19	66,82	54,06	12,77	281,214	287,085	-5,871	6,0	4,0	3,592	24,00	0,00
10.03.19	65,89	53,35	12,54	288,000	294,049	-6,049	6,0	4,0	3,612	24,00	0,00
11.03.19	66,35	53,95	12,40	282,610	288,567	-5,956	6,0	4,0	3,506	24,00	0,00
12.03.19	66,35	53,87	12,48	286,078	292,139	-6,061	6,0	4,0	3,572	24,00	0,00
13.03.19	66,26	53,88	12,38	288,027	294,162	-6,135	6,0	4,0	3,568	24,00	0,00
14.03.19	66,63	54,40	12,22	285,675	291,333	-5,658	6,0	4,0	3,493	24,00	0,00
15.03.19	65,33	53,31	12,01	291,031	296,922	-5,891	6,0	4,0	3,497	24,00	0,00
16.03.19	65,60	53,17	12,43	291,259	297,115	-5,856	6,0	4,0	3,621	24,00	0,00
17.03.19	66,09	53,53	12,56	290,598	296,610	-6,012	6,0	4,0	3,651	24,00	0,00
18.03.19	66,27	53,94	12,33	286,792	292,768	-5,977	6,0	4,0	3,539	24,00	0,00
19.03.19	67,05	54,63	12,43	287,007	293,056	-6,049	6,0	4,0	3,568	24,00	0,00
20.03.19	66,46	54,06	12,41	292,217	298,355	-6,139	6,0	4,0	3,626	24,00	0,00
21.03.19	66,35	54,22	12,13	297,429	303,761	-6,331	6,0	4,0	3,610	24,00	0,00
22.03.19	68,25	55,74	12,51	292,469	298,687	-6,218	6,0	4,0	3,661	24,00	0,00
23.03.19	76,87	61,50	15,37	282,901	289,140	-6,239	6,0	4,0	4,351	24,00	0,00
24.03.19	70,10	57,04	13,06	290,770	297,083	-6,313	6,0	4,0	3,799	24,00	0,00
25.03.19	66,44	53,82	12,62	270,059	275,750	-5,691	6,0	4,0	3,409	24,00	0,00
26.03.19	64,41	50,03	14,38	222,396	226,826	-4,430	6,0	4,0	3,199	24,00	0,00
27.03.19	64,81	49,86	14,95	219,258	223,628	-4,370	6,0	4,0	3,278	24,00	0,00
28.03.19	65,25	50,39	14,86	214,974	219,258	-4,284	6,0	4,0	3,196	24,00	0,00
29.03.19	64,96	50,33	14,63	217,490	221,839	-4,349	6,0	4,0	3,182	24,00	0,00
30.03.19	64,58	49,89	14,69	221,251	225,656	-4,405	6,0	4,0	3,250	24,00	0,00
31.03.19	64,75	49,84	14,91	223,028	227,471	-4,443	6,0	4,0	3,326	24,00	0,00
01.04.19	64,84	49,88	14,96	217,393	221,684	-4,291	6,0	4,0	3,253	24,00	0,00
02.04.19	65,48	50,27	15,21	210,635	214,737	-4,102	6,0	4,0	3,203	24,00	0,00
03.04.19	65,49	50,48	15,02	210,554	214,719	-4,165	6,0	4,0	3,162	24,00	0,00
04.04.19	65,22	50,15	15,07	211,945	216,130	-4,186	6,0	4,0	3,194	24,00	0,00
05.04.19	65,45	50,54	14,91	207,391	211,438	-4,047	6,0	4,0	3,093	24,00	0,00
06.04.19	65,74	50,29	15,45	212,382	216,609	-4,227	6,0	4,0	3,281	24,00	0,00
07.04.19	65,53	50,50	15,03	212,262	216,481	-4,219	6,0	4,0	3,191	24,00	0,00
08.04.19	66,51	51,38	15,14	211,282	215,534	-4,252	6,0	4,0	3,199	24,00	0,00
09.04.19	67,23	52,19	15,03	211,405	215,676	-4,272	6,0	4,0	3,179	24,00	0,00
10.04.19	65,38	51,34	14,04	222,050	226,631	-4,580	6,0	4,0	3,117	24,00	0,00
11.04.19	62,37	50,12	12,25	235,714	240,581	-4,867	6,0	4,0	2,887	24,00	0,00
12.04.19	62,65	50,36	12,29	234,095	238,940	-4,845	6,0	4,0	2,878	24,00	0,00
13.04.19	63,61	50,74	12,88	227,959	232,668	-4,709	6,0	4,0	2,936	24,00	0,00
14.04.19	63,20	49,90	13,31	233,932	238,711	-4,779	6,0	4,0	3,113	24,00	0,00
15.04.19	63,60	50,37	13,23	224,760	229,256	-4,495	6,0	4,0	2,973	24,00	0,00
16.04.19	62,10	49,73	12,37	231,511	236,131	-4,620	6,0	4,0	2,864	24,00	0,00
17.04.19	61,89	49,32	12,57	235,664	240,262	-4,598	6,0	4,0	2,963	24,00	0,00
18.04.19	63,88	49,26	14,61	220,489	224,752	-4,263	6,0	4,0	3,222	24,00	0,00
19.04.19	63,07	49,05	14,02	226,445	230,901	-4,455	6,0	4,0	3,175	24,00	0,00
20.04.19	63,50	49,62	13,88	225,438	229,919	-4,481	6,0	4,0	3,129	24,00	0,00
21.04.19	62,32	49,06	13,26	234,915	239,620	-4,705	6,0	4,0	3,114	24,00	0,00
22.04.19	63,43	49,87	13,57	226,475	231,006	-4,531	6,0	4,0	3,073	24,00	0,00
23.04.19	62,84	49,82	13,02	226,348	230,907	-4,558	6,0	4,0	2,947	24,00	0,00
24.04.19	62,33	49,73	12,61	231,008	235,632	-4,624	6,0	4,0	2,913	24,00	0,00
25.04.19	62,50	49,67	12,83	231,874	236,545	-4,671	6,0	4,0	2,976	24,00	0,00
26.04.19	61,45	49,59	11,85	236,946	241,710	-4,764	6,0	4,0	2,809	24,00	0,00
27.04.19	61,48	48,94	12,54	238,512	243,304	-4,792	6,0	4,0	2,992	24,00	0,00
28.04.19	61,90	48,96	12,94	236,807	241,559	-4,752	6,0	4,0	3,064	24,00	0,00
29.04.19	61,83	49,08	12,75	235,022	239,671	-4,649	6,0	4,0	2,997	24,00	0,00
30.04.19	62,79	49,41	13,38	221,775	226,052	-4,277	6,0	4,0	2,968	24,02	-0,02
01.05.19	61,67	48,96	12,70	239,436	244,175	-4,739	6,0	4,0	3,042	24,00	0,00
02.05.19	62,14	49,40	12,74	233,030	237,665	-4,634	6,0	4,0	2,970	24,00	0,00
03.05.19	61,47	49,35	12,13	237,939	242,728	-4,789	6,0	4,0	2,885	24,00	0,00
04.05.19	61,79	49,38	12,41	239,080	243,909	-4,829	6,0	4,0	2,968	24,00	0,00
05.05.19	60,16	48,82	11,34	246,527	251,568	-5,041	6,0	4,0	2,796	24,00	0,00
06.05.19	63,58	52,87	10,72	279,361	285,380	-6,018	6,0	4,0	2,994	24,00	0,00
07.05.19	64,50	54,25	10,25	164,640	167,238	-2,598	6,0	4,0	1,689	24,00	0,00
08.05.19	66,88	46,26	20,62	38,720	37,913	0,807	6,0	4,0	0,798	24,00	0,00
09.05.19	69,63	44,52	25,11	32,370	31,409	0,961	6,0	4,0	0,813	24,00	0,00
10.05.19	65,82	47,30	18,52	41,114	40,348	0,765	6,0	4,0	0,762	24,00	0,00
11.05.19	68,15	45,05	23,10	36,558	35,725	0,833	6,0	4,0	0,844	24,00	0,00
12.05.19	70,97	43,77	27,21	31,177	30,230	0,947	6,0	4,0	0,848	24,00	0,00
13.05.19	71,51	43,81	27,70	24,642	23,783	0,859	6,0	4,0	0,683	21,10	2,90
14.05.19	72,59	44,61	27,98	26,662	25,499	1,163	6,0	4,0	0,746	24,00	0,00
15.05.19	70,08	44,59	25,49	32,484	31,498	0,986	6,0	4,0	0,828	24,00	0,00
16.05.19	69,53	44,56	24,96	34,881	33,930	0,951	6,0	4,0	0,871	24,00	0,00
17.05.19	68,58	45,46	23,12	35,370	34,402	0,968	6,0	4,0	0,818	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.
18.05.19	69,39	44,91	24,48	34,101	33,108	0,993	6,0	4,0	0,835	24,00	0,00
19.05.19	67,35	44,59	22,76	46,000	45,286	0,713	6,0	4,0	1,047	24,00	0,00
20.05.19	66,00	45,85	20,15	48,181	47,504	0,678	6,0	4,0	0,971	24,00	0,00
21.05.19	65,11	44,43	20,69	54,099	53,561	0,538	6,0	4,0	1,119	24,00	0,00
22.05.19	65,05	47,70	17,35	44,530	43,758	0,772	6,0	4,0	0,773	24,00	0,00
23.05.19	65,69	46,84	18,85	43,264	42,480	0,784	6,0	4,0	0,816	24,00	0,00
24.05.19	67,02	45,86	21,16	40,269	39,470	0,800	6,0	4,0	0,852	24,00	0,00
25.05.19	65,84	45,99	19,85	46,471	45,763	0,707	6,0	4,0	0,922	24,00	0,00
26.05.19	66,51	45,91	20,60	43,093	42,314	0,778	6,0	4,0	0,888	24,00	0,00
27.05.19	66,94	46,33	20,61	37,779	36,912	0,867	6,0	4,0	0,779	24,00	0,00
28.05.19	70,44	44,21	26,22	32,311	31,359	0,952	6,0	4,0	0,847	24,00	0,00
29.05.19	71,84	43,64	28,20	30,058	29,082	0,976	6,0	4,0	0,848	24,00	0,00
30.05.19	72,64	43,82	28,82	27,857	26,826	1,031	6,0	4,0	0,803	24,00	0,00
31.05.19	64,97	47,04	17,93	52,190	51,658	0,532	6,0	4,0	0,936	24,00	0,00
01.06.19	67,87	45,29	22,58	39,122	38,305	0,817	6,0	4,0	0,876	24,00	0,00
02.06.19	72,25	42,82	29,42	32,163	31,232	0,931	6,0	4,0	0,938	24,00	0,00
03.06.19	71,97	44,95	27,01	26,555	25,474	1,081	6,0	4,0	0,711	24,00	0,00
04.06.19	70,61	43,52	27,09	22,800	22,081	0,719	6,0	4,0	0,612	17,15	6,85
05.06.19	67,60	45,74	21,86	36,484	35,487	0,998	6,0	4,0	0,791	24,00	0,00
06.06.19	66,92	45,73	21,20	40,421	39,544	0,877	6,0	4,0	0,850	24,00	0,00
07.06.19	68,98	46,14	22,83	30,055	28,945	1,110	6,0	4,0	0,681	24,00	0,00
08.06.19	68,40	45,42	22,98	34,427	33,452	0,975	6,0	4,0	0,785	24,00	0,00
09.06.19	69,78	44,21	25,57	34,194	33,225	0,969	6,0	4,0	0,867	24,00	0,00
10.06.19	69,85	45,10	24,74	30,583	29,592	0,991	6,0	4,0	0,750	24,00	0,00
11.06.19	72,26	44,87	27,38	25,745	24,582	1,162	6,0	4,0	0,699	24,00	0,00
12.06.19	73,33	44,11	29,22	25,684	24,526	1,158	6,0	4,0	0,744	24,00	0,00
13.06.19	71,64	44,28	27,37	28,593	27,522	1,070	6,0	4,0	0,776	24,00	0,00
14.06.19	70,18	44,66	25,53	31,133	30,131	1,002	6,0	4,0	0,788	24,00	0,00
15.06.19	70,11	44,95	25,16	30,789	29,788	1,001	6,0	4,0	0,768	24,00	0,00
16.06.19	69,24	44,86	24,38	33,588	32,657	0,931	6,0	4,0	0,812	24,00	0,00
17.06.19	68,15	45,63	22,52	35,393	34,491	0,903	6,0	4,0	0,790	24,00	0,00
18.06.19	68,85	45,80	23,05	31,605	30,620	0,985	6,0	4,0	0,722	24,00	0,00
19.06.19	69,21	45,68	23,53	30,830	29,844	0,986	6,0	4,0	0,719	24,00	0,00
20.06.19	69,09	45,20	23,89	33,202	32,268	0,933	6,0	4,0	0,787	24,00	0,00
21.06.19	69,05	45,42	23,63	32,316	31,367	0,948	6,0	4,0	0,757	24,00	0,00
22.06.19	64,84	45,06	19,78	24,733	24,432	0,301	6,0	4,0	0,485	24,00	0,00
23.06.19	63,57	48,53	15,04	52,321	51,775	0,545	6,0	4,0	0,780	24,00	0,00
24.06.19	68,71	45,83	22,88	32,716	31,751	0,965	6,0	4,0	0,742	24,00	0,00
25.06.19	70,82	44,93	25,89	29,068	28,063	1,006	6,0	4,0	0,746	24,00	0,00
26.06.19	69,79	45,23	24,56	30,967	29,979	0,988	6,0	4,0	0,754	24,00	0,00
27.06.19	71,21	45,01	26,20	28,004	26,960	1,044	6,0	4,0	0,728	24,00	0,00
28.06.19	70,79	44,40	26,38	32,303	31,366	0,937	6,0	4,0	0,845	24,00	0,00
29.06.19	65,67	46,77	18,91	41,920	40,438	1,481	6,0	4,0	0,786	24,00	0,00
30.06.19	64,20	47,95	16,25	49,353	48,135	1,218	6,0	4,0	0,795	24,00	0,00
01.07.19	62,54	48,69	13,85	54,872	54,246	0,625	6,0	4,0	0,760	24,00	0,00
02.07.19	63,06	49,24	13,82	52,078	51,256	0,822	6,0	4,0	0,720	24,00	0,00
03.07.19	66,24	47,22	19,02	42,342	41,516	0,826	6,0	4,0	0,805	24,00	0,00
04.07.19	59,06	47,10	11,95	63,852	63,160	0,692	6,0	4,0	0,763	24,00	0,00
05.07.19	64,83	49,38	15,45	45,492	44,766	0,726	6,0	4,0	0,703	24,00	0,00
06.07.19	70,85	44,02	26,84	32,287	31,270	1,017	6,0	4,0	0,866	24,00	0,00
07.07.19	71,61	43,92	27,68	31,047	30,072	0,975	6,0	4,0	0,859	24,00	0,00
08.07.19	71,05	43,94	27,10	32,000	31,008	0,991	6,0	4,0	0,867	24,00	0,00
09.07.19	59,71	49,35	10,36	21,344	21,945	-0,601	6,0	4,0	0,221	24,00	0,00
10.07.19	29,49	26,85	2,64	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
11.07.19	24,41	24,30	0,11	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
12.07.19	22,27	22,50	-0,22	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
13.07.19	21,41	21,60	-0,19	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
14.07.19	21,15	21,25	-0,10	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
15.07.19	21,20	21,22	-0,02	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
16.07.19	20,86	20,93	-0,07	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
17.07.19	20,09	20,30	-0,21	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
18.07.19	19,82	20,03	-0,21	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
19.07.19	19,97	20,05	-0,08	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
20.07.19	20,23	20,19	0,04	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
21.07.19	21,06	20,26	0,80	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
22.07.19	20,69	20,41	0,28	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
23.07.19	32,25	26,66	5,60	41,085	41,415	-0,330	6,0	4,0	0,229	24,00	0,00
24.07.19	53,23	43,27	9,96	80,797	81,351	-0,555	6,0	4,0	0,804	24,00	0,00
25.07.19	66,67	47,68	19,00	40,306	39,924	0,381	6,0	4,0	0,766	24,00	0,00
26.07.19	72,11	44,89	27,23	28,146	27,493	0,653	6,0	4,0	0,766	24,00	0,00
27.07.19	75,93	43,89	32,04	23,793	22,985	0,808	6,0	4,0	0,762	24,00	0,00
28.07.19	75,05	44,26	30,79	24,133	23,329	0,804	6,0	4,0	0,743	24,00	0,00
29.07.19	73,49	45,05	28,44	24,389	23,563	0,826	6,0	4,0	0,694	24,00	0,00
30.07.19	58,67	48,11	10,55	27,073	27,138	-0,065	6,0	4,0	0,286	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.
31.07.19	28,07	31,85	-3,78	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
01.08.19	22,83	30,31	-7,47	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
02.08.19	27,05	24,57	2,47	61,440	61,957	-0,517	6,0	4,0	0,152	24,00	0,00
03.08.19	51,32	41,41	9,92	95,708	96,490	-0,782	6,0	4,0	0,948	24,00	0,00
04.08.19	67,69	47,64	20,05	39,625	39,191	0,435	6,0	4,0	0,794	24,00	0,00
05.08.19	62,27	48,96	13,31	59,374	59,372	0,002	6,0	4,0	0,790	24,00	0,00
06.08.19	64,38	49,07	15,31	47,227	46,945	0,282	6,0	4,0	0,723	24,00	0,00
07.08.19	66,61	46,79	19,83	38,260	37,789	0,471	6,0	4,0	0,758	24,00	0,00
08.08.19	67,40	52,22	15,18	45,383	45,270	0,113	6,0	4,0	0,689	24,00	0,00
09.08.19	67,89	58,81	9,08	101,136	101,984	-0,848	6,0	4,0	0,918	24,00	0,00
10.08.19	69,57	61,39	8,18	101,825	102,719	-0,895	6,0	4,0	0,833	24,00	0,00
11.08.19	71,62	62,77	8,85	101,580	102,518	-0,938	6,0	4,0	0,900	24,00	0,00
12.08.19	72,22	63,61	8,62	104,050	105,086	-1,036	6,0	4,0	0,897	24,00	0,00
13.08.19	69,21	61,69	7,52	106,521	107,600	-1,080	6,0	4,0	0,802	24,00	0,00
14.08.19	68,51	61,30	7,21	105,499	106,534	-1,035	6,0	4,0	0,761	24,00	0,00
15.08.19	70,64	63,21	7,44	103,848	104,860	-1,012	6,0	4,0	0,773	24,00	0,00
16.08.19	73,16	65,24	7,92	105,790	106,865	-1,075	6,0	4,0	0,839	24,00	0,00
17.08.19	74,59	66,30	8,29	106,643	107,785	-1,142	6,0	4,0	0,885	24,00	0,00
18.08.19	76,09	67,16	8,93	106,925	108,059	-1,134	6,0	4,0	0,956	24,00	0,00
19.08.19	75,01	66,14	8,87	107,118	108,258	-1,141	6,0	4,0	0,950	24,00	0,00
20.08.19	74,94	67,01	7,93	106,907	108,017	-1,110	6,0	4,0	0,848	24,00	0,00
21.08.19	74,53	66,13	8,40	107,086	108,177	-1,091	6,0	4,0	0,900	24,00	0,00
22.08.19	76,02	68,02	7,99	106,491	107,592	-1,102	6,0	4,0	0,852	24,00	0,00
23.08.19	69,18	61,84	7,35	103,724	104,706	-0,982	6,0	4,0	0,762	24,00	0,00
24.08.19	68,28	60,26	8,01	100,916	101,738	-0,822	6,0	4,0	0,809	24,00	0,00
25.08.19	71,68	62,88	8,80	101,161	102,024	-0,862	6,0	4,0	0,891	24,00	0,00
26.08.19	72,64	63,52	9,12	103,209	104,116	-0,908	6,0	4,0	0,942	24,00	0,00
27.08.19	72,13	65,39	6,74	38,261	38,576	-0,315	6,0	4,0	0,258	8,77	15,23
28.08.19	71,54	62,62	8,92	102,987	103,865	-0,879	6,0	4,0	0,919	24,00	0,00
29.08.19	71,42	62,75	8,67	102,887	103,769	-0,882	6,0	4,0	0,893	24,00	0,00
30.08.19	70,98	62,23	8,75	103,035	103,873	-0,837	6,0	4,0	0,902	24,00	0,00
31.08.19	69,26	60,41	8,85	101,358	102,169	-0,811	6,0	4,0	0,897	24,00	0,00
01.09.19	67,73	58,03	9,70	100,767	101,552	-0,785	6,0	4,0	0,978	24,00	0,00
02.09.19	66,17	58,22	7,95	100,876	101,649	-0,773	6,0	4,0	0,802	24,00	0,00
03.09.19	66,46	58,03	8,43	100,992	101,792	-0,800	6,0	4,0	0,851	24,00	0,00
04.09.19	67,09	58,37	8,73	101,577	102,413	-0,835	6,0	4,0	0,887	24,00	0,00
05.09.19	67,76	59,82	7,95	101,147	100,714	0,433	6,0	4,0	0,804	24,00	0,00
06.09.19	68,00	59,90	8,10	100,531	101,357	-0,826	6,0	4,0	0,815	24,00	0,00
07.09.19	69,37	60,74	8,63	100,647	101,478	-0,831	6,0	4,0	0,869	24,00	0,00
08.09.19	69,40	60,10	9,30	100,743	101,602	-0,859	6,0	4,0	0,937	24,00	0,00
09.09.19	68,21	59,87	8,34	100,499	101,354	-0,856	6,0	4,0	0,839	24,00	0,00
10.09.19	63,39	55,84	7,55	100,490	101,324	-0,834	6,0	4,0	0,759	24,00	0,00
11.09.19	70,60	61,66	8,94	101,359	102,239	-0,880	6,0	4,0	0,907	24,00	0,00
12.09.19	66,41	58,38	8,03	101,784	102,698	-0,914	6,0	4,0	0,818	24,00	0,00
13.09.19	43,45	38,57	4,88	101,291	101,676	-0,385	6,0	4,0	0,494	24,00	0,00
14.09.19	63,06	55,10	7,97	100,825	101,606	-0,782	6,0	4,0	0,803	24,00	0,00
15.09.19	69,53	59,84	9,70	100,676	101,505	-0,829	6,0	4,0	0,977	24,00	0,00
16.09.19	68,50	60,48	8,01	98,095	98,840	-0,745	6,0	4,0	0,786	24,00	0,00
17.09.19	64,68	56,04	8,64	95,208	95,873	-0,665	6,0	4,0	0,822	24,00	0,00
18.09.19	62,14	52,01	10,13	186,057	183,045	3,012	6,0	4,0	1,886	24,00	0,00
19.09.19	64,77	54,24	10,54	304,147	310,818	-6,672	6,0	4,0	3,206	24,00	0,00
20.09.19	62,32	52,36	9,96	299,927	306,429	-6,501	6,0	4,0	2,989	24,00	0,00
21.09.19	63,55	53,18	10,37	294,847	301,463	-6,616	6,0	4,0	3,058	24,00	0,00
22.09.19	62,16	52,29	9,87	291,721	298,203	-6,482	6,0	4,0	2,878	24,00	0,00
23.09.19	64,20	53,17	11,02	291,482	297,619	-6,136	6,0	4,0	3,214	24,00	0,00
24.09.19	63,73	53,02	10,72	287,977	294,325	-6,348	6,0	4,0	3,087	24,00	0,00
25.09.19	64,95	53,35	11,60	282,765	288,912	-6,147	6,0	4,0	3,282	24,00	0,00
26.09.19	50,50	43,75	6,75	276,499	282,024	-5,525	6,0	4,0	1,867	24,00	0,00
27.09.19	56,20	45,89	10,32	266,063	271,348	-5,284	6,0	4,0	2,744	24,00	0,00
28.09.19	62,54	50,94	11,60	269,736	275,407	-5,672	6,0	4,0	3,130	24,00	0,00
29.09.19	62,56	50,76	11,80	268,396	273,997	-5,601	6,0	4,0	3,168	24,00	0,00
30.09.19	63,61	51,96	11,65	275,780	281,625	-5,845	6,0	4,0	3,215	24,00	0,00
01.10.19	63,12	52,18	10,94	285,065	291,141	-6,076	6,0	4,0	3,120	24,00	0,00
02.10.19	63,40	52,44	10,96	281,509	287,495	-5,987	6,0	4,0	3,085	24,00	0,00
03.10.19	63,67	52,70	10,98	283,162	289,300	-6,138	6,0	4,0	3,109	24,00	0,00
04.10.19	64,39	53,01	11,38	286,996	293,411	-6,416	6,0	4,0	3,267	24,00	0,00
05.10.19	63,84	53,14	10,70	288,725	295,190	-6,464	6,0	4,0	3,091	24,00	0,00
06.10.19	63,65	53,02	10,63	288,563	295,123	-6,560	6,0	4,0	3,068	24,00	0,00
07.10.19	63,45	53,18	10,27	285,265	291,778	-6,513	6,0	4,0	2,931	24,00	0,00
08.10.19	63,67	52,90	10,78	278,753	285,030	-6,277	6,0	4,0	3,005	24,00	0,00
09.10.19	63,43	52,77	10,66	277,295	283,564	-6,269	6,0	4,0	2,955	24,00	0,00
10.10.19	63,28	52,56	10,72	274,651	280,722	-6,072	6,0	4,0	2,945	24,00	0,00
11.10.19	63,38	52,50	10,88	279,189	285,342	-6,153	6,0	4,0	3,039	24,00	0,00
12.10.19	63,93	53,16	10,77	285,584	291,845	-6,261	6,0	4,0	3,076	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.
13.10.19	64,07	52,57	11,50	285,485	291,866	-6,381	6,0	4,0	3,284	24,00	0,00
14.10.19	63,81	53,21	10,59	288,234	294,507	-6,273	6,0	4,0	3,054	24,00	0,00
15.10.19	64,19	53,15	11,04	287,563	293,868	-6,306	6,0	4,0	3,176	24,00	0,00
16.10.19	64,04	52,74	11,30	282,068	288,234	-6,167	6,0	4,0	3,187	24,00	0,00
17.10.19	63,60	52,36	11,24	281,385	287,487	-6,102	6,0	4,0	3,164	24,00	0,00
18.10.19	63,08	52,32	10,75	280,530	286,669	-6,140	6,0	4,0	3,018	24,00	0,00
19.10.19	63,95	52,03	11,92	278,307	284,409	-6,102	6,0	4,0	3,318	24,00	0,00
20.10.19	63,89	51,93	11,97	278,962	284,951	-5,990	6,0	4,0	3,339	24,00	0,00
21.10.19	63,87	52,23	11,63	276,747	282,618	-5,871	6,0	4,0	3,220	24,00	0,00
22.10.19	63,99	52,27	11,72	273,499	279,278	-5,779	6,0	4,0	3,205	24,00	0,00
23.10.19	62,99	51,25	11,74	272,691	278,430	-5,739	6,0	4,0	3,201	24,00	0,00
24.10.19	63,96	52,35	11,60	274,523	280,395	-5,873	6,0	4,0	3,186	24,00	0,00
25.10.19	64,13	52,77	11,37	281,884	288,083	-6,199	6,0	4,0	3,205	24,00	0,00
26.10.19	64,50	53,30	11,20	287,182	293,450	-6,268	6,0	4,0	3,217	24,00	0,00
27.10.19	64,15	52,72	11,43	287,060	293,296	-6,237	6,0	4,0	3,282	24,00	0,00
28.10.19	64,43	53,30	11,12	286,761	293,009	-6,249	6,0	4,0	3,190	24,00	0,00
29.10.19	64,68	53,37	11,31	286,029	292,324	-6,295	6,0	4,0	3,237	24,00	0,00
30.10.19	64,90	53,52	11,38	283,658	289,973	-6,316	6,0	4,0	3,230	24,00	0,00
31.10.19	65,72	53,52	12,19	278,777	284,921	-6,144	6,0	4,0	3,401	24,00	0,00
01.11.19	65,32	53,20	12,12	247,961	253,141	-5,180	6,0	4,0	3,006	21,53	2,47
02.11.19	65,15	52,72	12,43	281,226	287,043	-5,817	6,0	4,0	3,496	24,00	0,00
03.11.19	65,62	53,30	12,33	281,689	287,675	-5,986	6,0	4,0	3,473	24,00	0,00
04.11.19	65,71	53,26	12,45	281,194	287,158	-5,964	6,0	4,0	3,501	24,00	0,00
05.11.19	65,73	53,47	12,26	280,498	286,375	-5,877	6,0	4,0	3,441	24,00	0,00
06.11.19	66,56	54,49	12,07	282,155	288,152	-5,997	6,0	4,0	3,407	24,00	0,00
07.11.19	67,06	55,30	11,76	293,440	299,751	-6,311	6,0	4,0	3,453	24,00	0,00
08.11.19	67,25	55,34	11,91	299,339	305,977	-6,638	6,0	4,0	3,566	24,00	0,00
09.11.19	65,89	53,86	12,03	296,291	302,825	-6,533	6,0	4,0	3,566	24,00	0,00
10.11.19	64,96	53,04	11,92	297,067	303,539	-6,471	6,0	4,0	3,543	24,00	0,00
11.11.19	65,00	53,54	11,46	298,955	305,407	-6,453	6,0	4,0	3,428	24,00	0,00
12.11.19	65,63	54,08	11,55	300,035	306,561	-6,526	6,0	4,0	3,467	24,00	0,00
13.11.19	66,02	54,35	11,67	288,215	294,511	-6,297	6,0	4,0	3,365	23,23	0,77
14.11.19	66,45	54,03	12,42	295,245	301,608	-6,363	6,0	4,0	3,669	24,00	0,00
15.11.19	66,04	53,80	12,24	295,815	301,956	-6,141	6,0	4,0	3,622	24,00	0,00
16.11.19	65,11	53,22	11,90	296,989	303,068	-6,079	6,0	4,0	3,534	24,00	0,00
17.11.19	65,00	53,00	11,99	299,592	305,777	-6,184	6,0	4,0	3,595	24,00	0,00
18.11.19	67,64	55,00	12,63	298,714	304,983	-6,269	6,0	4,0	3,775	24,00	0,00
19.11.19	74,04	59,10	14,94	290,727	296,863	-6,136	6,0	4,0	4,346	24,00	0,00
20.11.19	76,89	60,90	16,00	287,055	293,108	-6,054	6,0	4,0	4,596	24,00	0,00
21.11.19	72,29	57,87	14,42	287,224	292,966	-5,742	6,0	4,0	4,145	24,00	0,00
22.11.19	67,98	54,74	13,23	292,037	297,829	-5,792	6,0	4,0	3,867	24,00	0,00
23.11.19	66,32	53,65	12,67	296,940	302,836	-5,896	6,0	4,0	3,763	24,00	0,00
24.11.19	66,63	53,58	13,05	296,787	302,854	-6,067	6,0	4,0	3,874	24,00	0,00
25.11.19	66,77	54,52	12,25	294,880	300,998	-6,117	6,0	4,0	3,613	24,00	0,00
26.11.19	67,06	54,68	12,38	295,859	301,874	-6,015	6,0	4,0	3,665	24,00	0,00
27.11.19	67,07	54,70	12,37	296,027	301,909	-5,881	6,0	4,0	3,663	24,00	0,00
28.11.19	67,16	54,53	12,62	296,507	302,304	-5,797	6,0	4,0	3,745	24,00	0,00
29.11.19	67,86	55,29	12,57	298,526	304,559	-6,033	6,0	4,0	3,754	24,00	0,00
30.11.19	67,57	54,79	12,78	299,970	306,114	-6,144	6,0	4,0	3,835	24,00	0,00
01.12.19	66,55	53,86	12,69	299,246	305,241	-5,995	6,0	4,0	3,799	24,00	0,00
02.12.19	67,23	54,76	12,47	297,827	303,956	-6,129	6,0	4,0	3,716	24,00	0,00
03.12.19	66,67	54,46	12,21	299,412	305,493	-6,081	6,0	4,0	3,657	24,00	0,00
04.12.19	67,43	54,77	12,66	299,037	305,211	-6,174	6,0	4,0	3,787	24,00	0,00
05.12.19	67,01	54,63	12,38	299,742	305,904	-6,162	6,0	4,0	3,712	24,00	0,00
06.12.19	66,87	54,47	12,39	299,979	305,849	-5,870	6,0	4,0	3,719	24,00	0,00
07.12.19	66,42	54,15	12,27	301,103	307,076	-5,972	6,0	4,0	3,696	24,00	0,00
08.12.19	67,24	54,57	12,67	302,705	308,824	-6,119	6,0	4,0	3,836	24,00	0,00
09.12.19	67,42	55,29	12,13	303,745	309,946	-6,200	6,0	4,0	3,686	24,00	0,00
10.12.19	66,90	54,94	11,96	302,703	308,798	-6,095	6,0	4,0	3,623	24,00	0,00
11.12.19	66,67	54,79	11,88	303,245	309,484	-6,239	6,0	4,0	3,605	24,00	0,00
12.12.19	67,75	55,60	12,15	303,056	309,418	-6,363	6,0	4,0	3,684	24,00	0,00
13.12.19	66,76	54,55	12,21	302,488	308,676	-6,188	6,0	4,0	3,696	24,00	0,00
14.12.19	67,38	54,69	12,69	301,841	307,972	-6,131	6,0	4,0	3,832	24,00	0,00
15.12.19	67,68	54,82	12,86	301,855	307,965	-6,110	6,0	4,0	3,884	24,00	0,00
16.12.19	66,33	54,39	11,94	301,860	308,087	-6,228	6,0	4,0	3,604	24,00	0,00
17.12.19	66,34	54,53	11,81	301,242	307,515	-6,273	6,0	4,0	3,558	24,00	0,00
18.12.19	66,56	54,62	11,94	300,396	306,721	-6,326	6,0	4,0	3,589	24,00	0,00
19.12.19	67,26	55,02	12,23	301,306	307,673	-6,367	6,0	4,0	3,687	24,00	0,00
20.12.19	66,47	54,53	11,93	301,205	307,468	-6,263	6,0	4,0	3,595	24,00	0,00
21.12.19	67,61	54,97	12,65	300,519	306,661	-6,142	6,0	4,0	3,802	24,00	0,00
22.12.19	67,97	54,25	13,72	299,543	305,551	-6,009	6,0	4,0	4,112	24,00	0,00
23.12.19	67,02	54,57	12,45	299,996	305,846	-5,851	6,0	4,0	3,737	24,00	0,00
24.12.19	66,66	54,37	12,29	302,181	308,141	-5,960	6,0	4,0	3,717	24,00	0,00
25.12.19	68,62	56,37	12,26	309,387	315,694	-6,307	6,0	4,0	3,794	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.
26.12.19	69,50	56,64	12,86	309,823	316,439	-6,616	6,0	4,0	3,986	24,00	0,00
27.12.19	70,12	57,27	12,85	309,761	316,354	-6,594	6,0	4,0	3,983	24,00	0,00
28.12.19	69,46	56,34	13,12	308,635	315,214	-6,579	6,0	4,0	4,051	24,00	0,00
29.12.19	71,08	57,31	13,76	306,810	313,295	-6,484	6,0	4,0	4,226	24,00	0,00
30.12.19	78,07	62,14	15,92	301,094	307,707	-6,613	6,0	4,0	4,800	24,00	0,00
31.12.19	74,74	59,55	15,18	301,013	307,258	-6,244	6,0	4,0	4,574	24,00	0,00
Итого	65,16	51,34	13,82	70196,216	71485,552	-1289,336	6,00	4,00	914,525	8731,80	28,20

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Представитель обслуживающей организации:

