

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

Потребитель: **ООО "Карат" 624260, г.Асбест, Свердловской обл., ул. Королева,14**
 Объект: **ул. Московская, д. 25**

Система отопления: двухтрубная зависимая
 Расчетная формула тепловой энергии:
 $Q = G^2 \times (T^1 - T^2) / 1000$, Гкал
 $G_{\max} = 16,0$ тн/час
 $G_{от} = 10,6$ тн/час
 $G_{гвс} = 5,4$ тн/час
 $Q = 0,479$ Гкал/час

Эльф-03 36603312 07.06.2020
 Взлет ЭРСВ-420Л 1202702 03.06.2020
 Взлет ЭРСВ-420Л 1201683 03.06.2020
 КТСП-Н 26236 08.06.2020

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	71,65	55,62	16,03	261,634	259,967	1,667	6,0	4,0	4,205	24,00	0,00
02.01.19	70,54	54,87	15,67	260,049	258,444	1,605	6,0	4,0	4,086	24,00	0,00
03.01.19	67,64	53,03	14,62	259,196	257,801	1,395	6,0	4,0	3,799	24,00	0,00
04.01.19	67,29	52,76	14,52	257,888	256,454	1,434	6,0	4,0	3,755	24,00	0,00
05.01.19	66,97	52,60	14,38	258,017	256,731	1,286	6,0	4,0	3,720	24,00	0,00
06.01.19	66,58	52,37	14,21	258,544	257,193	1,351	6,0	4,0	3,685	24,00	0,00
07.01.19	67,26	52,80	14,46	258,799	257,724	1,075	6,0	4,0	3,752	24,00	0,00
08.01.19	68,48	53,06	15,42	257,914	256,910	1,004	6,0	4,0	3,987	24,00	0,00
09.01.19	69,06	54,01	15,05	257,963	256,882	1,081	6,0	4,0	3,893	24,00	0,00
10.01.19	67,40	52,84	14,56	258,859	257,359	1,500	6,0	4,0	3,780	24,00	0,00
11.01.19	65,65	50,92	14,73	249,764	248,409	1,354	6,0	4,0	3,689	24,00	0,00
12.01.19	67,78	52,95	14,83	255,989	254,278	1,712	6,0	4,0	3,806	24,00	0,00
13.01.19	67,30	52,46	14,84	256,940	255,522	1,418	6,0	4,0	3,824	24,00	0,00
14.01.19	67,33	53,12	14,20	257,846	256,128	1,718	6,0	4,0	3,673	24,00	0,00
15.01.19	67,48	52,87	14,62	258,052	256,298	1,755	6,0	4,0	3,783	24,00	0,00
16.01.19	67,51	53,51	14,00	258,889	257,266	1,623	6,0	4,0	3,636	24,00	0,00
17.01.19	67,54	53,11	14,44	258,877	257,291	1,587	6,0	4,0	3,748	24,00	0,00
18.01.19	67,31	53,09	14,23	261,390	260,002	1,387	6,0	4,0	3,729	24,00	0,00
19.01.19	67,10	52,79	14,31	262,860	261,331	1,528	6,0	4,0	3,772	24,00	0,00
20.01.19	67,14	53,03	14,11	261,090	259,703	1,387	6,0	4,0	3,694	24,00	0,00
21.01.19	68,20	53,47	14,73	259,771	258,470	1,301	6,0	4,0	3,836	24,00	0,00
22.01.19	67,64	53,45	14,19	259,899	258,165	1,734	6,0	4,0	3,699	24,00	0,00
23.01.19	69,13	54,37	14,76	261,215	259,642	1,573	6,0	4,0	3,865	23,98	0,02
24.01.19	72,56	56,37	16,18	262,931	261,200	1,730	6,0	4,0	4,267	24,00	0,00
25.01.19	72,09	56,10	15,99	262,436	260,548	1,888	6,0	4,0	4,208	24,00	0,00
26.01.19	70,65	54,47	16,18	260,336	258,876	1,460	6,0	4,0	4,224	24,00	0,00
27.01.19	73,36	56,11	17,25	261,179	259,512	1,668	6,0	4,0	4,519	24,00	0,00
28.01.19	74,31	57,12	17,19	260,297	258,044	2,254	6,0	4,0	4,488	24,00	0,00
29.01.19	73,42	56,30	17,12	260,846	259,069	1,778	6,0	4,0	4,477	24,00	0,00
30.01.19	70,62	54,56	16,06	260,257	258,628	1,629	6,0	4,0	4,192	24,00	0,00
31.01.19	72,35	55,52	16,84	258,664	256,932	1,732	6,0	4,0	4,367	24,00	0,00
01.02.19	69,49	53,96	15,53	259,023	257,134	1,889	6,0	4,0	4,034	24,00	0,00
02.02.19	69,46	53,24	16,22	256,578	254,550	2,027	6,0	4,0	4,173	24,00	0,00
03.02.19	74,23	56,11	18,12	256,843	255,076	1,768	6,0	4,0	4,667	24,00	0,00
04.02.19	79,51	59,73	19,79	258,106	255,873	2,234	6,0	4,0	5,121	24,00	0,00
05.02.19	80,79	60,95	19,84	260,459	257,955	2,504	6,0	4,0	5,183	24,00	0,00
06.02.19	80,95	60,88	20,08	260,893	258,306	2,586	6,0	4,0	5,253	24,00	0,00
07.02.19	79,76	60,34	19,42	261,433	258,855	2,578	6,0	4,0	5,091	24,00	0,00
08.02.19	75,29	57,42	17,87	260,896	259,118	1,778	6,0	4,0	4,676	24,00	0,00
09.02.19	71,98	54,88	17,10	260,499	258,754	1,745	6,0	4,0	4,466	24,00	0,00
10.02.19	70,08	53,74	16,34	260,795	259,288	1,506	6,0	4,0	4,273	24,00	0,00
11.02.19	66,63	52,11	14,52	260,476	259,250	1,226	6,0	4,0	3,792	24,00	0,00
12.02.19	66,43	52,01	14,42	259,890	258,267	1,623	6,0	4,0	3,758	24,00	0,00
13.02.19	65,89	52,13	13,76	261,178	259,357	1,821	6,0	4,0	3,604	24,00	0,00
14.02.19	66,74	52,62	14,12	262,417	260,963	1,454	6,0	4,0	3,716	24,00	0,00
15.02.19	66,40	52,63	13,77	263,182	261,608	1,574	6,0	4,0	3,635	24,00	0,00
16.02.19	66,67	52,77	13,90	263,219	261,751	1,468	6,0	4,0	3,668	23,97	0,03
17.02.19	66,29	52,13	14,16	262,093	260,863	1,230	6,0	4,0	3,722	24,00	0,00
18.02.19	66,99	52,89	14,10	261,581	260,214	1,366	6,0	4,0	3,700	24,00	0,00
19.02.19	66,32	52,61	13,70	257,592	256,090	1,502	6,0	4,0	3,540	24,00	0,00
20.02.19	66,27	51,97	14,30	256,461	254,859	1,603	6,0	4,0	3,678	24,00	0,00
21.02.19	66,09	51,94	14,15	256,491	255,144	1,347	6,0	4,0	3,640	24,00	0,00
22.02.19	65,82	51,94	13,88	257,760	256,522	1,238	6,0	4,0	3,587	24,00	0,00
23.02.19	66,66	52,20	14,45	257,476	256,112	1,364	6,0	4,0	3,732	24,00	0,00
24.02.19	66,23	51,86	14,37	257,175	255,719	1,457	6,0	4,0	3,705	24,00	0,00
25.02.19	66,69	52,47	14,22	257,254	255,729	1,524	6,0	4,0	3,669	24,00	0,00
26.02.19	66,16	52,30	13,85	257,807	256,332	1,475	6,0	4,0	3,582	24,00	0,00
27.02.19	66,71	52,63	14,08	258,011	256,337	1,674	6,0	4,0	3,642	24,00	0,00
28.02.19	66,90	53,07	13,83	259,134	257,348	1,786	6,0	4,0	3,594	24,00	0,00
01.03.19	65,62	52,49	13,13	258,148	256,313	1,835	6,0	4,0	3,399	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	65,96	52,24	13,71	259,189	257,527	1,662	6,0	4,0	3,565	24,00	0,00
03.03.19	66,04	52,18	13,85	258,708	257,155	1,553	6,0	4,0	3,594	24,00	0,00
04.03.19	66,61	52,73	13,88	257,176	255,797	1,379	6,0	4,0	3,581	24,00	0,00
05.03.19	66,00	52,44	13,56	257,139	255,525	1,614	6,0	4,0	3,498	24,00	0,00
06.03.19	65,70	52,15	13,55	257,791	256,345	1,446	6,0	4,0	3,504	24,00	0,00
07.03.19	66,60	53,09	13,51	259,003	257,518	1,486	6,0	4,0	3,510	24,00	0,00
08.03.19	65,95	52,07	13,89	258,954	257,667	1,287	6,0	4,0	3,606	24,00	0,00
09.03.19	65,64	52,40	13,23	259,549	258,146	1,403	6,0	4,0	3,445	24,00	0,00
10.03.19	66,22	52,15	14,07	258,514	256,993	1,521	6,0	4,0	3,648	24,00	0,00
11.03.19	66,74	53,14	13,60	258,582	257,125	1,457	6,0	4,0	3,527	24,00	0,00
12.03.19	66,01	52,55	13,46	260,572	259,202	1,370	6,0	4,0	3,518	24,00	0,00
13.03.19	65,65	53,02	12,63	263,869	262,536	1,333	6,0	4,0	3,343	24,00	0,00
14.03.19	65,30	52,30	13,01	263,343	261,935	1,408	6,0	4,0	3,436	24,00	0,00
15.03.19	65,43	52,46	12,97	264,506	262,939	1,567	6,0	4,0	3,440	24,00	0,00
16.03.19	66,27	52,72	13,55	264,902	263,343	1,559	6,0	4,0	3,601	24,00	0,00
17.03.19	65,34	52,08	13,26	264,269	262,904	1,365	6,0	4,0	3,516	24,00	0,00
18.03.19	66,47	53,14	13,34	266,877	265,656	1,221	6,0	4,0	3,570	24,00	0,00
19.03.19	65,98	53,09	12,89	270,133	268,745	1,388	6,0	4,0	3,494	24,00	0,00
20.03.19	66,08	53,52	12,56	273,618	271,990	1,628	6,0	4,0	3,449	24,00	0,00
21.03.19	64,99	52,80	12,20	274,515	273,136	1,379	6,0	4,0	3,359	24,00	0,00
22.03.19	65,61	53,27	12,33	276,783	275,212	1,572	6,0	4,0	3,424	24,00	0,00
23.03.19	65,58	53,11	12,46	276,212	274,571	1,641	6,0	4,0	3,454	24,00	0,00
24.03.19	65,99	53,25	12,74	278,321	277,038	1,283	6,0	4,0	3,558	24,00	0,00
25.03.19	65,85	53,45	12,40	279,924	278,518	1,406	6,0	4,0	3,484	24,00	0,00
26.03.19	65,27	53,18	12,09	281,290	279,829	1,461	6,0	4,0	3,412	24,00	0,00
27.03.19	65,26	53,22	12,05	281,558	280,078	1,480	6,0	4,0	3,403	24,00	0,00
28.03.19	64,46	52,92	11,54	281,489	279,927	1,562	6,0	4,0	3,260	24,00	0,00
29.03.19	65,72	53,52	12,20	276,516	275,027	1,489	6,0	4,0	3,385	24,00	0,00
30.03.19	65,74	53,25	12,48	276,673	275,292	1,381	6,0	4,0	3,464	24,00	0,00
31.03.19	65,60	52,96	12,64	276,509	275,209	1,300	6,0	4,0	3,506	24,00	0,00
01.04.19	65,51	53,34	12,16	274,912	273,411	1,501	6,0	4,0	3,355	24,00	0,00
02.04.19	64,58	52,63	11,94	271,194	269,586	1,608	6,0	4,0	3,250	24,00	0,00
03.04.19	64,28	51,97	12,31	268,885	267,425	1,460	6,0	4,0	3,322	24,00	0,00
04.04.19	63,99	51,67	12,32	264,176	262,789	1,387	6,0	4,0	3,266	23,98	0,02
05.04.19	64,35	51,97	12,38	263,980	262,777	1,204	6,0	4,0	3,278	24,00	0,00
06.04.19	64,12	52,12	12,00	266,026	264,783	1,244	6,0	4,0	3,202	24,00	0,00
07.04.19	63,78	51,65	12,12	265,914	264,665	1,249	6,0	4,0	3,234	24,00	0,00
08.04.19	61,93	50,40	11,54	265,255	263,923	1,332	6,0	4,0	3,071	24,00	0,00
09.04.19	61,48	50,23	11,26	266,819	265,361	1,459	6,0	4,0	3,014	24,00	0,00
10.04.19	61,53	50,54	10,99	268,725	266,997	1,728	6,0	4,0	2,964	24,00	0,00
11.04.19	61,98	50,96	11,02	270,061	268,425	1,636	6,0	4,0	2,985	24,00	0,00
12.04.19	61,07	50,75	10,32	273,425	271,704	1,721	6,0	4,0	2,832	24,00	0,00
13.04.19	61,46	50,68	10,78	273,776	272,016	1,759	6,0	4,0	2,963	24,00	0,00
14.04.19	60,68	49,50	11,18	274,406	272,793	1,614	6,0	4,0	3,078	24,00	0,00
15.04.19	61,58	50,18	11,40	267,551	265,998	1,553	6,0	4,0	3,059	24,00	0,00
16.04.19	61,06	49,49	11,57	261,753	260,208	1,545	6,0	4,0	3,039	24,00	0,00
17.04.19	61,65	49,44	12,21	261,744	260,288	1,456	6,0	4,0	3,206	24,00	0,00
18.04.19	61,81	50,03	11,78	263,277	261,669	1,608	6,0	4,0	3,111	24,00	0,00
19.04.19	61,69	49,89	11,80	264,426	262,958	1,468	6,0	4,0	3,131	24,00	0,00
20.04.19	60,87	49,38	11,49	267,918	266,297	1,620	6,0	4,0	3,087	24,00	0,00
21.04.19	61,53	49,94	11,59	267,667	265,979	1,688	6,0	4,0	3,112	24,00	0,00
22.04.19	61,14	50,12	11,02	271,941	270,060	1,880	6,0	4,0	3,007	24,00	0,00
23.04.19	61,44	50,52	10,92	276,423	274,724	1,699	6,0	4,0	3,029	24,00	0,00
24.04.19	61,03	49,85	11,18	270,666	268,986	1,680	6,0	4,0	3,036	24,00	0,00
25.04.19	61,00	49,55	11,44	253,314	251,725	1,590	6,0	4,0	2,909	24,00	0,00
26.04.19	61,55	50,13	11,43	266,823	265,141	1,682	6,0	4,0	3,059	24,00	0,00
27.04.19	61,77	49,98	11,79	267,826	266,219	1,607	6,0	4,0	3,169	24,00	0,00
28.04.19	61,42	49,64	11,79	267,793	266,089	1,704	6,0	4,0	3,166	24,00	0,00
29.04.19	61,92	49,82	12,10	265,110	263,532	1,579	6,0	4,0	3,218	24,00	0,00
30.04.19	61,10	49,59	11,50	263,960	262,416	1,543	6,0	4,0	3,046	24,00	0,00
01.05.19	60,00	48,36	11,64	266,672	265,070	1,602	6,0	4,0	3,113	24,00	0,00
02.05.19	59,28	48,33	10,95	266,459	264,824	1,634	6,0	4,0	2,928	24,00	0,00
03.05.19	60,10	48,78	11,32	266,342	264,642	1,699	6,0	4,0	3,025	24,00	0,00
04.05.19	59,87	49,16	10,70	269,552	267,842	1,710	6,0	4,0	2,894	24,00	0,00
05.05.19	59,24	49,12	10,11	271,624	269,823	1,801	6,0	4,0	2,757	24,00	0,00
06.05.19	60,12	51,09	9,03	304,599	302,656	1,943	6,0	4,0	2,761	24,00	0,00
07.05.19	59,99	54,23	5,76	248,780	247,528	1,252	6,0	4,0	1,442	24,00	0,00
08.05.19	67,90	64,88	3,02	199,299	197,210	2,090	6,0	4,0	0,611	24,02	-0,02
09.05.19	64,62	61,40	3,22	199,039	197,004	2,035	6,0	4,0	0,648	24,00	0,00
10.05.19	64,04	61,00	3,04	201,764	199,677	2,087	6,0	4,0	0,621	24,02	-0,02
11.05.19	63,76	60,87	2,89	202,478	200,360	2,118	6,0	4,0	0,593	24,00	0,00
12.05.19	64,18	60,76	3,42	203,526	201,403	2,123	6,0	4,0	0,704	24,00	0,00
13.05.19	63,83	61,02	2,81	202,984	200,839	2,144	6,0	4,0	0,578	24,00	0,00
14.05.19	65,18	61,54	3,63	200,591	198,512	2,079	6,0	4,0	0,737	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	56,74	55,73	1,01	31,526	31,199	0,327	6,0	4,0	0,033	23,97	0,03
16.05.19	19,25	18,71	0,53	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
17.05.19	17,77	17,35	0,42	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
18.05.19	16,39	15,95	0,44	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
19.05.19	15,43	14,97	0,47	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
20.05.19	14,63	14,18	0,44	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
21.05.19	14,05	13,71	0,34	0,000	0,000	0,000	6,0	4,0	0,000	22,33	1,67
22.05.19	13,61	13,22	0,39	0,000	0,000	0,000	6,0	4,0	0,000	24,03	-0,03
23.05.19	13,48	13,12	0,36	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
24.05.19	13,38	13,09	0,29	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
25.05.19	12,80	12,56	0,24	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
26.05.19	12,63	12,29	0,34	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
27.05.19	12,72	12,37	0,35	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
28.05.19	12,38	10,20	2,17	0,587	0,648	-0,061	6,0	4,0	0,001	24,00	0,00
29.05.19	13,59	13,39	0,20	56,757	56,438	0,319	6,0	4,0	0,014	24,00	0,00
30.05.19	10,47	10,44	0,03	76,405	75,910	0,495	6,0	4,0	0,006	24,00	0,00
31.05.19	25,85	25,15	0,70	122,468	121,417	1,051	6,0	4,0	0,091	24,00	0,00
01.06.19	58,36	56,00	2,36	195,834	193,707	2,127	6,0	4,0	0,471	24,00	0,00
02.06.19	59,65	55,69	3,96	162,482	160,895	1,587	6,0	4,0	0,650	24,00	0,00
03.06.19	62,43	58,57	3,86	147,405	146,019	1,386	6,0	4,0	0,575	24,00	0,00
04.06.19	63,27	59,80	3,47	170,467	168,841	1,625	6,0	4,0	0,599	24,00	0,00
05.06.19	65,84	62,08	3,76	161,707	160,216	1,491	6,0	4,0	0,615	24,00	0,00
06.06.19	64,30	60,72	3,59	171,806	170,186	1,621	6,0	4,0	0,623	24,00	0,00
07.06.19	62,13	58,60	3,53	157,777	156,377	1,400	6,0	4,0	0,564	24,00	0,00
08.06.19	61,43	56,60	4,83	139,012	137,935	1,078	6,0	4,0	0,677	24,00	0,00
09.06.19	62,06	57,58	4,48	139,409	138,312	1,096	6,0	4,0	0,630	24,00	0,00
10.06.19	65,91	61,70	4,21	152,375	151,061	1,314	6,0	4,0	0,647	24,00	0,00
11.06.19	67,63	64,67	2,96	184,485	182,626	1,859	6,0	4,0	0,553	24,00	0,00
12.06.19	67,43	64,01	3,42	169,670	168,074	1,595	6,0	4,0	0,588	24,00	0,00
13.06.19	67,82	64,70	3,12	169,472	167,855	1,618	6,0	4,0	0,536	24,00	0,00
14.06.19	68,72	65,33	3,39	167,496	165,919	1,577	6,0	4,0	0,575	24,00	0,00
15.06.19	68,85	64,52	4,33	162,436	160,975	1,460	6,0	4,0	0,710	24,00	0,00
16.06.19	66,32	61,79	4,53	160,074	158,691	1,383	6,0	4,0	0,731	24,00	0,00
17.06.19	66,61	62,75	3,86	164,917	163,415	1,501	6,0	4,0	0,644	24,00	0,00
18.06.19	66,14	62,40	3,74	164,352	162,880	1,473	6,0	4,0	0,621	24,00	0,00
19.06.19	65,71	62,11	3,61	163,557	162,099	1,458	6,0	4,0	0,597	24,00	0,00
20.06.19	66,51	62,64	3,86	170,693	169,131	1,562	6,0	4,0	0,666	24,00	0,00
21.06.19	67,16	63,53	3,63	170,177	168,602	1,575	6,0	4,0	0,624	24,00	0,00
22.06.19	62,15	59,44	2,71	161,662	160,225	1,437	6,0	4,0	0,444	24,00	0,00
23.06.19	64,59	60,73	3,86	169,157	167,617	1,540	6,0	4,0	0,659	24,00	0,00
24.06.19	65,29	61,72	3,57	168,192	166,646	1,546	6,0	4,0	0,607	24,00	0,00
25.06.19	65,25	62,19	3,06	164,571	163,053	1,518	6,0	4,0	0,510	24,00	0,00
26.06.19	69,69	66,03	3,67	166,854	165,287	1,566	6,0	4,0	0,618	24,00	0,00
27.06.19	67,09	64,27	2,82	92,306	91,446	0,860	6,0	4,0	0,264	14,27	9,73
28.06.19	-	-	-	-	-	-	-	-	-	-	-
29.06.19	-	-	-	-	-	-	-	-	-	-	-
30.06.19	-	-	-	-	-	-	-	-	-	-	-
01.07.19	-	-	-	-	-	-	-	-	-	-	-
02.07.19	-	-	-	-	-	-	-	-	-	-	-
03.07.19	71,25	66,14	5,12	93,600	92,852	0,748	6,0	4,0	0,483	15,52	8,48
04.07.19	65,71	61,77	3,94	140,239	127,529	12,710	6,0	4,0	0,557	23,97	0,03
05.07.19	69,25	65,65	3,60	145,852	111,945	33,907	6,0	4,0	0,531	24,00	0,00
06.07.19	65,80	61,77	4,04	144,044	111,117	32,927	6,0	4,0	0,587	24,00	0,00
07.07.19	72,40	68,49	3,91	149,009	116,240	32,769	6,0	4,0	0,589	24,00	0,00
08.07.19	66,70	62,69	4,01	144,385	112,056	32,329	6,0	4,0	0,584	24,00	0,00
09.07.19	68,35	64,43	3,92	146,750	114,861	31,889	6,0	4,0	0,581	24,00	0,00
10.07.19	65,50	62,19	3,31	144,663	112,961	31,702	6,0	4,0	0,484	24,00	0,00
11.07.19	64,80	61,23	3,57	142,903	111,438	31,465	6,0	4,0	0,516	24,00	0,00
12.07.19	66,54	63,12	3,42	143,528	112,336	31,192	6,0	4,0	0,497	24,00	0,00
13.07.19	66,58	63,25	3,33	144,644	113,607	31,038	6,0	4,0	0,488	24,00	0,00
14.07.19	66,92	63,39	3,53	145,004	114,056	30,948	6,0	4,0	0,518	24,00	0,00
15.07.19	67,50	63,66	3,84	145,644	114,908	30,736	6,0	4,0	0,565	24,00	0,00
16.07.19	64,09	61,25	2,84	141,403	110,774	30,630	6,0	4,0	0,407	24,00	0,00
17.07.19	32,38	30,87	1,50	121,203	107,717	13,486	6,0	4,0	0,187	24,00	0,00
18.07.19	39,02	36,59	2,43	125,957	124,863	1,094	6,0	4,0	0,311	24,00	0,00
19.07.19	63,61	59,90	3,71	141,862	140,567	1,295	6,0	4,0	0,532	24,00	0,00
20.07.19	65,79	61,80	3,99	145,644	144,314	1,331	6,0	4,0	0,587	24,00	0,00
21.07.19	63,86	60,10	3,76	143,453	142,168	1,285	6,0	4,0	0,545	24,00	0,00
22.07.19	65,22	61,64	3,58	144,372	143,052	1,320	6,0	4,0	0,522	24,00	0,00
23.07.19	65,61	61,94	3,67	143,960	142,639	1,321	6,0	4,0	0,534	24,00	0,00
24.07.19	65,63	62,01	3,62	145,685	144,335	1,349	6,0	4,0	0,533	24,00	0,00
25.07.19	66,68	63,44	3,25	145,865	144,514	1,352	6,0	4,0	0,479	24,00	0,00
26.07.19	65,36	61,85	3,51	144,502	143,193	1,310	6,0	4,0	0,513	24,00	0,00
27.07.19	66,84	63,19	3,64	146,658	145,333	1,324	6,0	4,0	0,540	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	66,30	62,65	3,66	146,286	144,977	1,309	6,0	4,0	0,541	24,00	0,00
29.07.19	65,49	62,00	3,49	142,917	141,637	1,280	6,0	4,0	0,504	24,00	0,00
30.07.19	66,56	63,35	3,21	66,410	65,805	0,604	6,0	4,0	0,216	24,00	0,00
31.07.19	24,42	33,31	-8,89	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
01.08.19	18,85	23,57	-4,72	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
02.08.19	23,87	22,53	1,34	89,804	88,944	0,860	6,0	4,0	0,124	24,00	0,00
03.08.19	66,45	61,43	5,01	150,333	148,844	1,488	6,0	4,0	0,760	24,00	0,00
04.08.19	67,08	62,41	4,67	143,665	142,285	1,380	6,0	4,0	0,677	24,00	0,00
05.08.19	65,70	61,70	4,00	146,103	144,673	1,431	6,0	4,0	0,590	24,00	0,00
06.08.19	66,14	62,03	4,11	147,912	146,455	1,456	6,0	4,0	0,614	23,97	0,03
07.08.19	67,56	63,51	4,05	150,084	148,593	1,491	6,0	4,0	0,614	24,00	0,00
08.08.19	70,84	66,97	3,88	97,735	96,805	0,930	6,0	4,0	0,383	24,02	-0,02
09.08.19	67,02	62,73	4,29	143,021	141,892	1,129	6,0	4,0	0,619	24,00	0,00
10.08.19	67,91	63,87	4,05	144,316	143,171	1,145	6,0	4,0	0,590	24,00	0,00
11.08.19	66,71	62,63	4,08	143,480	142,348	1,132	6,0	4,0	0,592	24,00	0,00
12.08.19	67,24	63,18	4,07	143,208	142,064	1,143	6,0	4,0	0,588	24,00	0,00
13.08.19	65,55	61,45	4,10	137,175	136,122	1,053	6,0	4,0	0,568	24,00	0,00
14.08.19	67,16	63,37	3,78	144,033	142,897	1,136	6,0	4,0	0,550	24,00	0,00
15.08.19	69,05	65,20	3,86	145,341	144,178	1,163	6,0	4,0	0,567	24,00	0,00
16.08.19	68,35	64,54	3,81	144,490	143,346	1,144	6,0	4,0	0,556	24,00	0,00
17.08.19	67,61	63,90	3,71	145,318	144,172	1,146	6,0	4,0	0,545	24,00	0,00
18.08.19	66,97	63,09	3,88	147,410	146,265	1,145	6,0	4,0	0,578	24,00	0,00
19.08.19	68,85	64,57	4,28	144,393	143,291	1,102	6,0	4,0	0,624	24,00	0,00
20.08.19	68,61	64,70	3,92	142,101	141,003	1,098	6,0	4,0	0,562	24,00	0,00
21.08.19	66,70	62,64	4,06	142,551	141,445	1,106	6,0	4,0	0,584	24,00	0,00
22.08.19	68,75	64,97	3,78	144,937	143,758	1,179	6,0	4,0	0,553	24,00	0,00
23.08.19	66,73	62,95	3,78	147,244	146,042	1,202	6,0	4,0	0,562	24,00	0,00
24.08.19	67,72	64,38	3,35	153,704	152,409	1,295	6,0	4,0	0,520	24,00	0,00
25.08.19	67,92	64,02	3,90	154,116	152,830	1,286	6,0	4,0	0,607	24,00	0,00
26.08.19	66,54	62,54	4,00	152,191	150,940	1,251	6,0	4,0	0,615	24,00	0,00
27.08.19	65,90	62,15	3,75	150,877	149,633	1,244	6,0	4,0	0,572	24,00	0,00
28.08.19	67,59	63,48	4,11	152,333	151,074	1,259	6,0	4,0	0,633	24,00	0,00
29.08.19	66,12	62,04	4,07	157,078	155,794	1,284	6,0	4,0	0,646	24,00	0,00
30.08.19	66,58	62,50	4,07	149,182	148,007	1,175	6,0	4,0	0,614	24,00	0,00
31.08.19	66,12	61,77	4,35	147,353	146,224	1,129	6,0	4,0	0,647	24,00	0,00
01.09.19	73,40	68,44	4,95	151,278	148,051	3,227	6,0	4,0	0,756	24,00	0,00
02.09.19	66,41	62,23	4,18	148,231	146,314	1,917	6,0	4,0	0,625	24,00	0,00
03.09.19	73,02	68,41	4,61	154,871	153,619	1,252	6,0	4,0	0,721	24,00	0,00
04.09.19	75,54	71,66	3,88	155,849	154,578	1,271	6,0	4,0	0,611	24,00	0,00
05.09.19	75,33	71,44	3,89	155,313	154,063	1,250	6,0	4,0	0,611	24,00	0,00
06.09.19	68,30	64,48	3,82	149,495	148,361	1,134	6,0	4,0	0,577	24,00	0,00
07.09.19	69,65	65,43	4,22	151,456	150,293	1,163	6,0	4,0	0,646	24,00	0,00
08.09.19	75,07	70,31	4,76	153,639	152,446	1,194	6,0	4,0	0,737	24,00	0,00
09.09.19	76,27	72,22	4,05	153,004	151,782	1,222	6,0	4,0	0,626	24,00	0,00
10.09.19	67,20	63,11	4,09	146,735	145,644	1,091	6,0	4,0	0,606	24,00	0,00
11.09.19	74,73	70,26	4,48	149,452	148,280	1,171	6,0	4,0	0,676	24,00	0,00
12.09.19	64,24	60,49	3,75	137,424	136,430	0,994	6,0	4,0	0,520	24,00	0,00
13.09.19	42,84	39,75	3,09	134,970	134,023	0,947	6,0	4,0	0,422	23,98	0,02
14.09.19	77,37	72,48	4,88	155,811	154,579	1,232	6,0	4,0	0,768	24,00	0,00
15.09.19	65,64	61,57	4,07	150,650	149,533	1,117	6,0	4,0	0,619	24,00	0,00
16.09.19	73,98	69,51	4,47	150,010	146,293	3,717	6,0	4,0	0,677	24,00	0,00
17.09.19	73,08	69,67	3,41	175,722	171,340	4,381	6,0	4,0	0,607	24,00	0,00
18.09.19	67,90	64,04	3,86	164,065	159,179	4,886	6,0	4,0	0,640	24,00	0,00
19.09.19	61,01	50,55	10,46	186,004	180,918	5,086	6,0	4,0	1,952	24,00	0,00
20.09.19	61,99	48,07	13,92	216,463	212,042	4,421	6,0	4,0	3,022	24,00	0,00
21.09.19	60,70	47,50	13,20	219,782	215,487	4,296	6,0	4,0	2,909	24,00	0,00
22.09.19	61,24	47,43	13,81	219,812	215,211	4,600	6,0	4,0	3,042	24,00	0,00
23.09.19	59,89	46,73	13,16	210,386	205,883	4,503	6,0	4,0	2,776	24,00	0,00
24.09.19	61,77	47,95	13,82	212,266	207,873	4,392	6,0	4,0	2,941	24,00	0,00
25.09.19	60,95	47,37	13,58	215,317	210,942	4,375	6,0	4,0	2,933	24,00	0,00
26.09.19	49,04	40,55	8,49	219,157	212,618	6,539	6,0	4,0	1,867	24,00	0,00
27.09.19	60,48	46,42	14,06	215,229	209,803	5,425	6,0	4,0	3,034	24,00	0,00
28.09.19	61,12	47,26	13,86	211,627	206,317	5,310	6,0	4,0	2,941	24,00	0,00
29.09.19	61,27	47,11	14,16	208,953	199,944	9,009	6,0	4,0	2,967	24,00	0,00
30.09.19	61,90	48,51	13,39	213,213	198,445	14,768	6,0	4,0	2,863	24,00	0,00
01.10.19	61,44	49,42	12,02	237,720	222,119	15,602	6,0	4,0	2,866	24,00	0,00
02.10.19	61,45	50,29	11,16	255,705	239,969	15,736	6,0	4,0	2,863	24,00	0,00
03.10.19	64,44	52,68	11,76	257,987	242,160	15,827	6,0	4,0	3,043	24,00	0,00
04.10.19	66,88	54,56	12,32	263,858	248,227	15,632	6,0	4,0	3,262	24,00	0,00
05.10.19	66,65	54,83	11,81	266,233	250,536	15,697	6,0	4,0	3,157	24,00	0,00
06.10.19	66,75	54,52	12,23	266,420	250,923	15,497	6,0	4,0	3,270	24,00	0,00
07.10.19	67,27	56,55	10,72	226,143	218,565	7,578	6,0	4,0	2,434	24,00	0,00
08.10.19	67,99	55,91	12,09	270,367	267,781	2,586	6,0	4,0	3,279	24,00	0,00
09.10.19	67,71	55,82	11,89	271,030	268,120	2,910	6,0	4,0	3,233	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	66,36	54,22	12,15	265,016	262,433	2,582	6,0	4,0	3,230	24,00	0,00
11.10.19	66,92	54,51	12,41	269,238	266,452	2,786	6,0	4,0	3,352	24,00	0,00
12.10.19	68,67	55,97	12,70	277,277	274,241	3,036	6,0	4,0	3,534	24,00	0,00
13.10.19	68,13	55,38	12,75	276,712	273,965	2,747	6,0	4,0	3,541	24,00	0,00
14.10.19	69,10	57,15	11,94	262,001	259,361	2,640	6,0	4,0	3,141	24,00	0,00
15.10.19	68,60	58,74	9,86	218,827	215,152	3,675	6,0	4,0	2,168	24,00	0,00
16.10.19	67,73	55,23	12,50	279,818	276,663	3,155	6,0	4,0	3,508	24,00	0,00
17.10.19	66,42	54,19	12,23	276,434	273,536	2,898	6,0	4,0	3,391	24,00	0,00
18.10.19	66,61	54,14	12,47	273,705	270,958	2,748	6,0	4,0	3,424	24,00	0,00
19.10.19	66,32	53,66	12,66	275,201	272,125	3,075	6,0	4,0	3,495	24,00	0,00
20.10.19	65,81	52,20	13,62	270,954	268,059	2,895	6,0	4,0	3,700	24,00	0,00
21.10.19	65,69	53,15	12,54	270,583	267,901	2,682	6,0	4,0	3,405	24,00	0,00
22.10.19	66,05	53,42	12,63	269,884	267,263	2,621	6,0	4,0	3,419	23,97	0,03
23.10.19	66,20	53,59	12,60	269,781	267,024	2,757	6,0	4,0	3,411	24,00	0,00
24.10.19	67,08	54,35	12,72	271,758	269,086	2,672	6,0	4,0	3,468	24,00	0,00
25.10.19	67,25	54,75	12,49	273,811	270,962	2,849	6,0	4,0	3,433	24,00	0,00
26.10.19	67,74	55,28	12,46	276,964	274,159	2,805	6,0	4,0	3,461	24,00	0,00
27.10.19	67,84	55,44	12,40	276,803	274,140	2,663	6,0	4,0	3,444	24,00	0,00
28.10.19	66,80	54,65	12,15	275,597	272,905	2,691	6,0	4,0	3,361	24,00	0,00
29.10.19	64,38	52,69	11,68	273,556	270,864	2,692	6,0	4,0	3,207	24,00	0,00
30.10.19	66,05	53,34	12,71	269,965	267,070	2,894	6,0	4,0	3,442	24,00	0,00
31.10.19	65,66	52,86	12,80	265,986	263,112	2,874	6,0	4,0	3,415	24,00	0,00
01.11.19	65,70	52,17	13,53	263,353	260,850	2,504	6,0	4,0	3,573	24,00	0,00
02.11.19	61,89	49,33	12,56	260,684	258,044	2,640	6,0	4,0	3,283	24,00	0,00
03.11.19	64,40	51,10	13,30	258,487	256,019	2,468	6,0	4,0	3,449	24,00	0,00
04.11.19	64,78	51,14	13,64	258,727	256,120	2,607	6,0	4,0	3,540	24,00	0,00
05.11.19	63,99	51,08	12,91	256,546	254,116	2,430	6,0	4,0	3,323	24,00	0,00
06.11.19	64,99	51,97	13,02	257,390	254,818	2,571	6,0	4,0	3,361	24,00	0,00
07.11.19	65,56	52,87	12,69	262,300	259,482	2,818	6,0	4,0	3,340	24,00	0,00
08.11.19	64,49	51,84	12,65	264,192	261,574	2,619	6,0	4,0	3,352	24,00	0,00
09.11.19	63,74	51,03	12,72	263,842	261,432	2,410	6,0	4,0	3,365	24,00	0,00
10.11.19	63,60	50,61	12,99	263,494	261,093	2,401	6,0	4,0	3,433	24,00	0,00
11.11.19	64,56	51,83	12,74	263,364	261,179	2,185	6,0	4,0	3,365	24,00	0,00
12.11.19	64,75	52,23	12,51	263,935	261,552	2,383	6,0	4,0	3,314	24,00	0,00
13.11.19	64,25	51,42	12,83	263,859	261,543	2,316	6,0	4,0	3,395	24,00	0,00
14.11.19	65,85	52,29	13,55	263,819	261,171	2,648	6,0	4,0	3,586	24,00	0,00
15.11.19	67,72	53,54	14,18	263,298	260,601	2,697	6,0	4,0	3,745	24,00	0,00
16.11.19	68,79	54,71	14,09	264,126	261,482	2,645	6,0	4,0	3,732	24,00	0,00
17.11.19	68,98	54,37	14,61	264,269	261,768	2,501	6,0	4,0	3,873	24,00	0,00
18.11.19	69,21	54,69	14,52	263,979	261,458	2,521	6,0	4,0	3,845	24,00	0,00
19.11.19	76,64	58,99	17,65	261,582	258,413	3,169	6,0	4,0	4,632	24,00	0,00
20.11.19	76,52	58,96	17,57	259,532	256,126	3,406	6,0	4,0	4,572	24,00	0,00
21.11.19	71,36	55,35	16,00	256,673	253,916	2,757	6,0	4,0	4,119	24,00	0,00
22.11.19	68,00	53,05	14,94	255,504	252,787	2,717	6,0	4,0	3,828	24,00	0,00
23.11.19	68,10	52,98	15,12	255,974	253,537	2,438	6,0	4,0	3,880	24,00	0,00
24.11.19	68,34	53,25	15,09	255,989	253,736	2,252	6,0	4,0	3,873	24,00	0,00
25.11.19	68,41	53,23	15,18	254,225	251,599	2,626	6,0	4,0	3,870	24,00	0,00
26.11.19	68,17	53,43	14,74	252,672	250,167	2,506	6,0	4,0	3,735	24,00	0,00
27.11.19	67,47	52,65	14,82	251,761	249,158	2,604	6,0	4,0	3,742	24,00	0,00
28.11.19	68,15	53,36	14,79	251,310	248,910	2,400	6,0	4,0	3,728	24,00	0,00
29.11.19	68,82	53,73	15,09	249,873	246,361	3,512	6,0	4,0	3,782	24,00	0,00
30.11.19	67,95	53,27	14,69	251,960	249,353	2,607	6,0	4,0	3,711	24,00	0,00
01.12.19	67,30	52,44	14,85	251,769	249,465	2,304	6,0	4,0	3,750	24,00	0,00
02.12.19	67,96	53,10	14,86	251,667	249,657	2,010	6,0	4,0	3,750	24,00	0,00
03.12.19	68,42	53,64	14,78	253,304	250,798	2,506	6,0	4,0	3,755	24,00	0,00
04.12.19	67,91	53,36	14,55	255,017	252,526	2,491	6,0	4,0	3,721	23,97	0,03
05.12.19	67,72	53,30	14,42	255,520	252,989	2,531	6,0	4,0	3,695	24,00	0,00
06.12.19	66,86	52,57	14,29	255,059	252,835	2,224	6,0	4,0	3,656	24,00	0,00
07.12.19	68,11	53,60	14,51	255,725	253,282	2,444	6,0	4,0	3,720	24,00	0,00
08.12.19	68,69	54,22	14,47	258,012	255,757	2,255	6,0	4,0	3,745	24,00	0,00
09.12.19	68,42	54,26	14,17	250,098	247,688	2,410	6,0	4,0	3,554	23,28	0,72
10.12.19	69,64	55,30	14,34	259,563	257,210	2,353	6,0	4,0	3,734	24,00	0,00
11.12.19	70,05	56,01	14,04	260,850	258,694	2,156	6,0	4,0	3,674	24,00	0,00
12.12.19	68,61	54,70	13,91	262,886	260,743	2,143	6,0	4,0	3,667	24,00	0,00
13.12.19	67,60	53,86	13,74	261,446	259,071	2,376	6,0	4,0	3,603	24,00	0,00
14.12.19	67,25	53,65	13,60	261,725	259,511	2,214	6,0	4,0	3,571	24,00	0,00
15.12.19	66,63	52,48	14,15	261,339	259,520	1,819	6,0	4,0	3,710	24,00	0,00
16.12.19	66,93	53,24	13,69	261,739	259,582	2,157	6,0	4,0	3,594	24,00	0,00
17.12.19	67,15	53,26	13,88	261,700	259,381	2,318	6,0	4,0	3,645	24,00	0,00
18.12.19	67,27	53,44	13,83	262,696	260,395	2,301	6,0	4,0	3,644	24,00	0,00
19.12.19	67,12	53,34	13,78	263,496	260,871	2,625	6,0	4,0	3,641	24,00	0,00
20.12.19	66,75	53,08	13,67	263,464	261,011	2,454	6,0	4,0	3,611	24,00	0,00
21.12.19	66,30	51,66	14,64	260,346	257,785	2,561	6,0	4,0	3,823	24,00	0,00
22.12.19	67,10	52,23	14,87	260,180	258,067	2,112	6,0	4,0	3,879	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.
23.12.19	66,91	52,39	14,51	259,392	257,216	2,176	6,0	4,0	3,775	24,00	0,00
24.12.19	68,76	54,09	14,68	260,193	257,939	2,253	6,0	4,0	3,830	24,00	0,00
25.12.19	69,13	54,49	14,64	260,729	258,285	2,443	6,0	4,0	3,829	24,00	0,00
26.12.19	68,54	54,25	14,29	260,980	258,629	2,351	6,0	4,0	3,739	24,00	0,00
27.12.19	68,41	53,96	14,45	260,893	258,512	2,381	6,0	4,0	3,780	24,00	0,00
28.12.19	67,39	52,79	14,60	260,760	258,690	2,070	6,0	4,0	3,819	24,00	0,00
29.12.19	69,36	53,61	15,75	259,430	257,457	1,973	6,0	4,0	4,098	24,00	0,00
30.12.19	75,94	58,03	17,92	256,359	253,957	2,402	6,0	4,0	4,606	24,00	0,00
31.12.19	73,56	55,68	17,88	258,803	256,804	1,998	6,0	4,0	4,638	24,00	0,00
Итого	62,77	53,06	9,70	77104,595	75963,499	1141,096	5,92	3,95	880,608	8619,23	20,77

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Представитель обслуживающей организации:

