

**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. Победы, д. 30**

Система отопления: двухтрубная зависимая	Логика СПТ-941.10	56123	28.07.2020
Расчетная формула тепловой энергии:	Карат-РС-32	38240911	01.02.2021
$Q = G^2 \times (T^1 - T^2) / 1000$ , Гкал	Карат-РС-32	43701111	29.06.2023
	КТСП-Н	33642	29.06.2023

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (ГКал)	Время работы, час	
	T <sub>1</sub>	T <sub>2</sub>	ΔT	G <sub>1</sub>	G <sub>2</sub>	ΔG	P <sub>1</sub>	P <sub>2</sub>	Q <sub>п</sub>	штатное	нештат.
01.01.19	71,17	54,69	16,48	269,626	275,404	-5,778	6,0	4,0	4,456	24,00	0,00
02.01.19	68,93	53,12	15,80	269,953	275,597	-5,644	6,0	4,0	4,278	24,00	0,00
03.01.19	67,90	52,62	15,28	271,031	276,681	-5,650	6,0	4,0	4,152	24,00	0,00
04.01.19	67,27	52,44	14,83	270,922	276,477	-5,554	6,0	4,0	4,029	24,00	0,00
05.01.19	67,45	52,46	14,99	270,127	275,713	-5,586	6,0	4,0	4,060	24,00	0,00
06.01.19	67,56	52,32	15,24	269,057	274,634	-5,577	6,0	4,0	4,112	24,00	0,00
07.01.19	67,87	52,26	15,61	268,597	274,222	-5,625	6,0	4,0	4,205	24,00	0,00
08.01.19	69,28	52,67	16,61	266,702	272,381	-5,680	6,0	4,0	4,442	24,00	0,00
09.01.19	69,08	53,25	15,83	267,767	273,379	-5,612	6,0	4,0	4,250	24,00	0,00
10.01.19	68,43	52,77	15,66	268,406	274,035	-5,629	6,0	4,0	4,214	24,00	0,00
11.01.19	67,76	52,40	15,36	268,053	273,643	-5,590	6,0	4,0	4,129	24,00	0,00
12.01.19	68,45	52,69	15,77	268,453	274,112	-5,659	6,0	4,0	4,244	24,00	0,00
13.01.19	67,37	52,13	15,25	270,845	276,458	-5,613	6,0	4,0	4,142	24,00	0,00
14.01.19	68,08	52,97	15,11	269,469	275,062	-5,593	6,0	4,0	4,082	24,00	0,00
15.01.19	67,84	52,59	15,26	268,779	274,387	-5,608	6,0	4,0	4,112	24,00	0,00
16.01.19	68,17	52,98	15,20	270,180	275,714	-5,533	6,0	4,0	4,118	24,00	0,00
17.01.19	68,30	53,08	15,22	269,375	274,940	-5,565	6,0	4,0	4,112	24,00	0,00
18.01.19	68,63	53,49	15,14	269,817	275,374	-5,556	6,0	4,0	4,097	24,00	0,00
19.01.19	68,06	53,28	14,78	272,166	277,764	-5,598	6,0	4,0	4,034	24,00	0,00
20.01.19	67,16	52,48	14,68	271,328	276,866	-5,538	6,0	4,0	3,995	24,00	0,00
21.01.19	68,41	53,08	15,33	268,891	274,495	-5,604	6,0	4,0	4,134	24,00	0,00
22.01.19	68,44	52,92	15,52	268,560	274,178	-5,618	6,0	4,0	4,180	24,00	0,00
23.01.19	69,94	53,70	16,24	265,278	270,902	-5,624	6,0	4,0	4,319	24,00	0,00
24.01.19	74,11	56,21	17,90	265,503	271,294	-5,790	6,0	4,0	4,766	24,00	0,00
25.01.19	72,56	54,99	17,57	266,442	272,144	-5,702	6,0	4,0	4,694	24,00	0,00
26.01.19	72,60	54,79	17,81	265,058	270,800	-5,741	6,0	4,0	4,734	24,00	0,00
27.01.19	74,54	55,65	18,89	265,156	270,998	-5,842	6,0	4,0	5,023	24,00	0,00
28.01.19	74,72	56,38	18,34	266,150	271,926	-5,776	6,0	4,0	4,895	24,00	0,00
29.01.19	73,86	55,64	18,22	265,802	271,511	-5,709	6,0	4,0	4,856	24,00	0,00
30.01.19	70,72	53,98	16,74	266,318	271,894	-5,576	6,0	4,0	4,470	24,00	0,00
31.01.19	72,20	54,49	17,71	265,440	271,091	-5,651	6,0	4,0	4,713	24,00	0,00
01.02.19	70,64	53,95	16,69	267,270	272,871	-5,601	6,0	4,0	4,472	24,00	0,00
02.02.19	71,23	54,04	17,19	266,566	272,230	-5,664	6,0	4,0	4,595	24,00	0,00
03.02.19	75,67	56,32	19,35	265,760	271,675	-5,915	6,0	4,0	5,156	24,00	0,00
04.02.19	81,01	60,20	20,82	265,942	272,051	-6,109	6,0	4,0	5,553	24,00	0,00
05.02.19	83,71	61,77	21,93	264,487	270,799	-6,312	6,0	4,0	5,819	24,00	0,00
06.02.19	83,19	61,43	21,76	265,651	271,940	-6,289	6,0	4,0	5,798	24,00	0,00
07.02.19	81,47	60,31	21,17	265,773	271,865	-6,092	6,0	4,0	5,642	24,00	0,00
08.02.19	75,90	57,24	18,66	266,671	272,461	-5,790	6,0	4,0	4,990	24,00	0,00
09.02.19	71,81	54,39	17,42	265,715	271,337	-5,622	6,0	4,0	4,642	24,00	0,00
10.02.19	69,49	53,09	16,41	270,017	275,525	-5,507	6,0	4,0	4,442	24,00	0,00
11.02.19	67,26	51,85	15,41	270,789	275,277	-4,488	6,0	4,0	4,185	24,00	0,00
12.02.19	67,28	52,10	15,18	270,356	274,983	-4,627	6,0	4,0	4,115	24,00	0,00
13.02.19	66,72	51,85	14,87	271,016	275,526	-4,511	6,0	4,0	4,041	24,00	0,00
14.02.19	66,47	51,89	14,57	271,761	276,212	-4,451	6,0	4,0	3,972	24,00	0,00
15.02.19	66,40	51,91	14,48	270,821	275,244	-4,423	6,0	4,0	3,933	24,00	0,00
16.02.19	66,52	51,47	15,05	270,301	274,782	-4,480	6,0	4,0	4,080	24,00	0,00
17.02.19	66,65	51,62	15,04	270,079	274,552	-4,473	6,0	4,0	4,072	24,00	0,00
18.02.19	66,33	51,76	14,57	271,218	275,690	-4,472	6,0	4,0	3,962	24,00	0,00
19.02.19	66,99	52,14	14,85	269,780	274,719	-4,940	6,0	4,0	4,018	24,00	0,00
20.02.19	67,69	52,21	15,48	266,624	272,035	-5,410	6,0	4,0	4,139	24,00	0,00
21.02.19	66,45	51,58	14,88	268,993	274,244	-5,251	6,0	4,0	4,013	24,00	0,00
22.02.19	67,20	52,73	14,47	271,552	277,053	-5,501	6,0	4,0	3,942	24,00	0,00
23.02.19	67,27	52,49	14,79	271,107	276,646	-5,539	6,0	4,0	4,020	24,00	0,00
24.02.19	67,10	51,85	15,25	269,774	275,316	-5,543	6,0	4,0	4,126	24,00	0,00
25.02.19	67,27	52,02	15,26	270,424	276,002	-5,578	6,0	4,0	4,138	24,00	0,00
26.02.19	67,09	52,23	14,86	269,503	275,006	-5,503	6,0	4,0	4,017	24,00	0,00
27.02.19	67,19	52,47	14,71	271,278	276,850	-5,573	6,0	4,0	4,003	24,00	0,00
28.02.19	66,95	52,48	14,47	270,315	275,878	-5,563	6,0	4,0	3,923	24,00	0,00
01.03.19	65,56	51,40	14,16	270,343	275,702	-5,360	6,0	4,0	3,840	24,00	0,00
02.03.19	65,93	51,73	14,20	270,016	275,462	-5,445	6,0	4,0	3,846	24,00	0,00
03.03.19	65,45	51,19	14,26	269,194	274,626	-5,432	6,0	4,0	3,850	24,00	0,00
04.03.19	67,25	52,42	14,83	268,252	273,765	-5,513	6,0	4,0	3,989	24,00	0,00

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	T <sub>1</sub>	T <sub>2</sub>	ΔT	G <sub>1</sub>	G <sub>2</sub>	ΔG	P <sub>1</sub>	P <sub>2</sub>	Q <sub>п</sub>	штатное	нештат.
05.03.19	66,64	51,89	14,75	267,010	272,436	-5,426	6,0	4,0	3,951	24,00	0,00
06.03.19	66,19	51,49	14,71	264,350	267,993	-3,643	6,0	4,0	3,904	24,00	0,00
07.03.19	65,74	51,81	13,93	270,320	275,751	-5,431	6,0	4,0	3,777	24,00	0,00
08.03.19	66,07	51,73	14,34	269,372	274,746	-5,374	6,0	4,0	3,874	24,00	0,00
09.03.19	66,02	51,82	14,20	269,838	275,242	-5,404	6,0	4,0	3,844	24,00	0,00
10.03.19	66,06	51,73	14,33	265,253	270,539	-5,285	6,0	4,0	3,812	24,00	0,00
11.03.19	66,45	52,50	13,96	270,774	276,226	-5,452	6,0	4,0	3,790	24,00	0,00
12.03.19	66,23	52,52	13,72	271,063	276,505	-5,442	6,0	4,0	3,729	24,00	0,00
13.03.19	65,95	52,34	13,61	271,284	276,763	-5,479	6,0	4,0	3,704	24,00	0,00
14.03.19	66,27	52,50	13,77	270,907	276,387	-5,480	6,0	4,0	3,742	24,00	0,00
15.03.19	66,28	52,25	14,03	270,323	275,784	-5,461	6,0	4,0	3,804	24,00	0,00
16.03.19	66,23	52,14	14,09	270,053	275,525	-5,473	6,0	4,0	3,816	24,00	0,00
17.03.19	66,21	51,99	14,22	269,778	275,262	-5,485	6,0	4,0	3,848	24,00	0,00
18.03.19	66,23	52,45	13,79	271,303	276,821	-5,518	6,0	4,0	3,752	24,00	0,00
19.03.19	66,11	52,20	13,91	273,317	278,882	-5,566	6,0	4,0	3,812	24,00	0,00
20.03.19	65,82	52,43	13,39	276,114	281,760	-5,646	6,0	4,0	3,709	24,00	0,00
21.03.19	66,05	52,89	13,15	281,723	287,487	-5,764	6,0	4,0	3,718	24,00	0,00
22.03.19	66,49	53,12	13,37	279,492	285,204	-5,712	6,0	4,0	3,748	24,00	0,00
23.03.19	65,97	52,73	13,25	272,691	278,189	-5,498	6,0	4,0	3,624	24,00	0,00
24.03.19	65,86	52,00	13,86	271,361	276,870	-5,508	6,0	4,0	3,772	24,00	0,00
25.03.19	64,85	52,06	12,79	284,058	289,875	-5,817	6,0	4,0	3,644	24,00	0,00
26.03.19	66,06	53,31	12,76	293,556	299,681	-6,124	6,0	4,0	3,758	24,00	0,00
27.03.19	65,50	52,93	12,56	295,747	301,918	-6,171	6,0	4,0	3,728	24,00	0,00
28.03.19	65,04	52,88	12,16	295,214	301,345	-6,131	6,0	4,0	3,603	24,00	0,00
29.03.19	63,05	51,54	11,51	292,771	298,478	-5,707	6,0	4,0	3,382	24,00	0,00
30.03.19	65,07	52,40	12,67	292,542	298,602	-6,060	6,0	4,0	3,718	24,00	0,00
31.03.19	65,16	52,44	12,72	292,478	298,536	-6,057	6,0	4,0	3,733	24,00	0,00
01.04.19	64,97	52,67	12,30	293,989	300,074	-6,085	6,0	4,0	3,627	24,00	0,00
02.04.19	65,29	53,03	12,26	295,796	301,966	-6,170	6,0	4,0	3,639	24,00	0,00
03.04.19	65,08	52,50	12,58	290,274	296,314	-6,041	6,0	4,0	3,663	24,00	0,00
04.04.19	64,79	52,03	12,77	281,732	287,476	-5,744	6,0	4,0	3,609	24,00	0,00
05.04.19	64,51	51,68	12,83	275,395	280,962	-5,567	6,0	4,0	3,544	24,00	0,00
06.04.19	64,38	51,50	12,88	275,752	281,353	-5,600	6,0	4,0	3,564	24,00	0,00
07.04.19	63,85	51,25	12,60	275,641	281,197	-5,556	6,0	4,0	3,485	24,00	0,00
08.04.19	63,11	51,03	12,08	276,171	281,600	-5,429	6,0	4,0	3,347	24,00	0,00
09.04.19	61,79	49,92	11,88	275,303	280,384	-5,082	6,0	4,0	3,281	24,00	0,00
10.04.19	62,12	50,44	11,68	277,899	283,377	-5,478	6,0	4,0	3,258	24,00	0,00
11.04.19	62,44	50,86	11,58	280,128	285,730	-5,602	6,0	4,0	3,255	24,00	0,00
12.04.19	62,45	51,17	11,28	282,629	288,303	-5,674	6,0	4,0	3,199	24,00	0,00
13.04.19	62,12	50,74	11,38	280,637	286,223	-5,586	6,0	4,0	3,205	24,00	0,00
14.04.19	61,99	49,83	12,17	279,622	285,203	-5,582	6,0	4,0	3,413	24,00	0,00
15.04.19	62,11	49,95	12,16	276,278	281,817	-5,539	6,0	4,0	3,371	24,00	0,00
16.04.19	61,83	49,76	12,07	276,185	281,655	-5,470	6,0	4,0	3,344	24,00	0,00
17.04.19	61,93	49,29	12,64	271,643	277,029	-5,386	6,0	4,0	3,444	24,00	0,00
18.04.19	61,88	49,56	12,32	272,728	278,120	-5,393	6,0	4,0	3,370	24,00	0,00
19.04.19	61,86	49,71	12,15	274,445	279,896	-5,451	6,0	4,0	3,344	24,00	0,00
20.04.19	59,82	48,07	11,74	274,573	279,679	-5,107	6,0	4,0	3,235	24,00	0,00
21.04.19	61,42	49,39	12,03	276,502	281,431	-4,929	6,0	4,0	3,337	24,00	0,00
22.04.19	62,30	50,55	11,75	280,953	286,402	-5,449	6,0	4,0	3,313	24,00	0,00
23.04.19	62,20	50,63	11,57	279,361	284,804	-5,442	6,0	4,0	3,244	24,00	0,00
24.04.19	62,16	50,80	11,36	291,320	297,067	-5,746	6,0	4,0	3,322	24,00	0,00
25.04.19	61,44	50,04	11,40	293,040	298,777	-5,737	6,0	4,0	3,353	24,00	0,00
26.04.19	59,88	49,09	10,78	291,621	296,795	-5,174	6,0	4,0	3,156	24,00	0,00
27.04.19	61,94	50,39	11,56	290,967	296,672	-5,705	6,0	4,0	3,374	24,00	0,00
28.04.19	61,50	50,00	11,50	290,695	296,215	-5,520	6,0	4,0	3,355	24,00	0,00
29.04.19	61,63	49,91	11,72	288,576	294,148	-5,571	6,0	4,0	3,394	24,00	0,00
30.04.19	61,59	49,93	11,66	288,937	294,560	-5,623	6,0	4,0	3,381	24,00	0,00
01.05.19	60,39	48,99	11,40	289,521	294,760	-5,239	6,0	4,0	3,312	24,00	0,00
02.05.19	60,49	49,49	11,01	291,259	296,796	-5,537	6,0	4,0	3,217	24,00	0,00
03.05.19	60,40	49,72	10,68	291,742	297,327	-5,585	6,0	4,0	3,128	24,00	0,00
04.05.19	60,19	49,60	10,59	293,988	299,451	-5,462	6,0	4,0	3,125	24,00	0,00
05.05.19	56,79	47,15	9,64	295,420	300,163	-4,743	6,0	4,0	2,858	24,00	0,00
06.05.19	61,04	50,65	10,39	287,681	293,091	-5,409	6,0	4,0	2,999	24,00	0,00
07.05.19	63,85	54,09	9,76	167,106	168,962	-1,856	6,0	4,0	1,638	24,00	0,00
08.05.19	64,40	59,47	4,93	124,087	125,173	-1,085	6,0	4,0	0,617	24,00	0,00
09.05.19	67,27	61,89	5,38	125,949	127,266	-1,318	6,0	4,0	0,683	24,00	0,00
10.05.19	68,69	63,28	5,41	127,562	129,037	-1,475	6,0	4,0	0,695	24,00	0,00
11.05.19	69,05	64,02	5,02	128,896	130,350	-1,454	6,0	4,0	0,653	24,00	0,00
12.05.19	69,63	63,83	5,80	129,568	130,900	-1,332	6,0	4,0	0,757	24,00	0,00
13.05.19	69,55	64,57	4,99	130,995	132,396	-1,401	6,0	4,0	0,659	24,00	0,00
14.05.19	70,13	64,93	5,19	132,322	133,890	-1,569	6,0	4,0	0,693	24,00	0,00
15.05.19	70,57	64,90	5,68	133,766	135,315	-1,549	6,0	4,0	0,765	24,00	0,00
16.05.19	70,24	64,65	5,59	130,767	132,255	-1,488	6,0	4,0	0,737	24,00	0,00
17.05.19	69,77	64,88	4,89	129,954	131,396	-1,442	6,0	4,0	0,642	24,00	0,00

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	T <sub>1</sub>	T <sub>2</sub>	ΔT	G <sub>1</sub>	G <sub>2</sub>	ΔG	P <sub>1</sub>	P <sub>2</sub>	Q <sub>п</sub>	штатное	нештат.
18.05.19	68,25	62,51	5,74	128,117	129,546	-1,429	6,0	4,0	0,741	24,00	0,00
19.05.19	66,65	60,00	6,65	125,288	126,472	-1,184	6,0	4,0	0,840	24,00	0,00
20.05.19	64,25	58,28	5,96	122,708	123,630	-0,922	6,0	4,0	0,737	24,00	0,00
21.05.19	64,17	57,85	6,32	122,276	123,166	-0,891	6,0	4,0	0,778	24,00	0,00
22.05.19	64,23	58,09	6,14	122,918	123,962	-1,044	6,0	4,0	0,760	24,00	0,00
23.05.19	65,23	59,12	6,10	124,637	125,787	-1,150	6,0	4,0	0,766	24,00	0,00
24.05.19	65,10	59,15	5,95	122,684	123,747	-1,063	6,0	4,0	0,736	24,00	0,00
25.05.19	64,60	58,66	5,93	119,932	120,824	-0,891	6,0	4,0	0,717	24,00	0,00
26.05.19	64,70	57,64	7,06	121,194	122,120	-0,926	6,0	4,0	0,862	24,00	0,00
27.05.19	65,21	59,59	5,62	125,116	126,175	-1,059	6,0	4,0	0,709	24,00	0,00
28.05.19	68,50	62,47	6,03	131,470	132,966	-1,495	6,0	4,0	0,799	24,00	0,00
29.05.19	69,93	64,89	5,03	132,569	133,974	-1,406	6,0	4,0	0,673	24,00	0,00
30.05.19	70,31	64,57	5,74	132,098	133,534	-1,436	6,0	4,0	0,764	24,00	0,00
31.05.19	70,79	65,36	5,43	132,205	133,853	-1,648	6,0	4,0	0,724	24,00	0,00
01.06.19	72,49	66,94	5,54	134,805	136,455	-1,650	6,0	4,0	0,753	24,00	0,00
02.06.19	73,03	67,78	5,25	134,883	136,472	-1,589	6,0	4,0	0,714	24,00	0,00
03.06.19	71,94	66,62	5,31	133,256	134,880	-1,624	6,0	4,0	0,714	24,00	0,00
04.06.19	68,29	63,10	5,18	128,160	129,570	-1,410	6,0	4,0	0,671	24,00	0,00
05.06.19	67,91	62,21	5,70	126,439	127,799	-1,360	6,0	4,0	0,727	24,00	0,00
06.06.19	68,57	62,88	5,69	126,632	125,731	0,901	6,0	4,0	0,725	24,00	0,00
07.06.19	69,99	64,18	5,81	132,486	134,091	-1,605	6,0	4,0	0,776	24,00	0,00
08.06.19	71,86	66,66	5,20	135,618	137,200	-1,582	6,0	4,0	0,712	24,00	0,00
09.06.19	72,52	67,30	5,22	136,290	137,836	-1,546	6,0	4,0	0,717	24,00	0,00
10.06.19	72,46	67,10	5,36	137,447	139,043	-1,596	6,0	4,0	0,743	24,00	0,00
11.06.19	73,42	68,02	5,40	139,971	141,559	-1,588	6,0	4,0	0,762	24,00	0,00
12.06.19	74,85	69,40	5,45	146,176	147,928	-1,752	6,0	4,0	0,802	24,00	0,00
13.06.19	61,20	57,74	3,47	38,543	38,664	-0,121	6,0	4,0	0,136	24,00	0,00
14.06.19	19,53	19,43	0,10	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
15.06.19	18,51	18,42	0,10	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
16.06.19	17,88	17,82	0,06	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
17.06.19	17,37	17,27	0,10	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
18.06.19	16,95	16,82	0,13	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
19.06.19	16,76	16,62	0,14	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
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	-	-	-	-	-	-	-	-	-	-	-
05.07.19	-	-	-	-	-	-	-	-	-	-	-
06.07.19	-	-	-	-	-	-	-	-	-	-	-
07.07.19	-	-	-	-	-	-	-	-	-	-	-
08.07.19	-	-	-	-	-	-	-	-	-	-	-
09.07.19	-	-	-	-	-	-	-	-	-	-	-
10.07.19	-	-	-	-	-	-	-	-	-	-	-
11.07.19	-	-	-	-	-	-	-	-	-	-	-
12.07.19	-	-	-	-	-	-	-	-	-	-	-
13.07.19	-	-	-	-	-	-	-	-	-	-	-
14.07.19	-	-	-	-	-	-	-	-	-	-	-
15.07.19	-	-	-	-	-	-	-	-	-	-	-
16.07.19	-	-	-	-	-	-	-	-	-	-	-
17.07.19	-	-	-	-	-	-	-	-	-	-	-
18.07.19	35,62	30,92	4,70	64,145	64,269	-0,125	6,0	4,0	0,303	15,93	8,07
19.07.19	52,46	46,74	5,72	99,250	99,736	-0,486	6,0	4,0	0,571	24,00	0,00
20.07.19	65,17	60,17	4,99	105,992	106,447	-0,455	6,0	4,0	0,533	24,00	0,00
21.07.19	68,30	62,47	5,83	107,773	108,847	-1,074	6,0	4,0	0,633	24,00	0,00
22.07.19	67,15	61,20	5,95	101,789	102,002	-0,214	6,0	4,0	0,613	24,00	0,00
23.07.19	67,56	61,70	5,86	107,914	108,934	-1,020	6,0	4,0	0,637	24,00	0,00
24.07.19	69,29	63,65	5,64	108,180	109,467	-1,287	6,0	4,0	0,615	24,00	0,00
25.07.19	71,66	66,09	5,57	109,375	110,617	-1,242	6,0	4,0	0,614	24,00	0,00
26.07.19	72,84	67,30	5,54	109,897	111,216	-1,319	6,0	4,0	0,614	24,00	0,00
27.07.19	72,71	67,21	5,49	109,498	110,775	-1,277	6,0	4,0	0,607	24,00	0,00
28.07.19	71,99	66,21	5,79	109,341	110,455	-1,114	6,0	4,0	0,638	24,00	0,00
29.07.19	68,52	62,51	6,01	106,623	107,309	-0,686	6,0	4,0	0,649	24,00	0,00
30.07.19	62,27	57,42	4,85	43,376	43,636	-0,260	6,0	4,0	0,209	24,00	0,00

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (ГКал)	Время работы, час	
	T <sub>1</sub>	T <sub>2</sub>	ΔT	G <sub>1</sub>	G <sub>2</sub>	ΔG	P <sub>1</sub>	P <sub>2</sub>	Q <sub>п</sub>	штатное	нештат.
31.07.19	28,43	23,22	5,21	0,194	0,007	0,187	6,0	4,0	0,001	24,00	0,00
01.08.19	25,59	25,29	0,30	1,570	0,078	1,493	6,0	4,0	0,001	24,00	0,00
02.08.19	29,68	26,45	3,23	116,946	117,742	-0,796	6,0	4,0	0,382	24,00	0,00
03.08.19	57,14	48,01	9,14	132,814	133,784	-0,970	6,0	4,0	1,217	24,00	0,00
04.08.19	64,93	59,06	5,86	110,953	112,130	-1,177	6,0	4,0	0,655	24,00	0,00
05.08.19	67,30	61,52	5,78	113,904	115,381	-1,477	6,0	4,0	0,663	24,00	0,00
06.08.19	69,70	63,93	5,77	114,540	116,386	-1,846	6,0	4,0	0,666	24,00	0,00
07.08.19	70,01	63,92	6,09	113,879	115,755	-1,876	6,0	4,0	0,698	24,00	0,00
08.08.19	70,86	64,65	6,20	114,393	116,279	-1,886	6,0	4,0	0,715	24,00	0,00
09.08.19	70,80	63,00	7,80	72,532	73,194	-0,662	6,0	4,0	0,571	24,00	0,00
10.08.19	71,45	58,88	12,56	50,074	50,300	-0,225	6,0	4,0	0,632	24,00	0,00
11.08.19	72,28	57,66	14,61	47,504	47,875	-0,371	6,0	4,0	0,695	24,00	0,00
12.08.19	72,04	58,46	13,58	45,324	45,326	-0,003	6,0	4,0	0,619	24,00	0,00
13.08.19	72,31	58,67	13,64	46,821	46,595	0,225	6,0	4,0	0,641	24,00	0,00
14.08.19	69,83	57,05	12,78	49,221	48,909	0,312	6,0	4,0	0,632	24,00	0,00
15.08.19	71,25	58,15	13,10	45,950	45,528	0,422	6,0	4,0	0,604	24,00	0,00
16.08.19	72,27	59,19	13,08	45,381	45,414	-0,034	6,0	4,0	0,595	24,00	0,00
17.08.19	73,20	58,49	14,71	43,141	43,028	0,113	6,0	4,0	0,636	24,00	0,00
18.08.19	73,72	58,31	15,42	43,770	43,948	-0,178	6,0	4,0	0,677	24,00	0,00
19.08.19	72,98	58,34	14,63	44,647	44,309	0,338	6,0	4,0	0,655	24,00	0,00
20.08.19	74,23	65,95	8,28	87,422	88,452	-1,030	6,0	4,0	0,729	24,00	0,00
21.08.19	74,62	68,65	5,97	119,208	120,973	-1,765	6,0	4,0	0,717	24,00	0,00
22.08.19	69,79	64,13	5,67	116,829	117,647	-0,818	6,0	4,0	0,671	24,00	0,00
23.08.19	70,74	65,21	5,53	118,165	119,355	-1,190	6,0	4,0	0,659	24,00	0,00
24.08.19	73,45	67,29	6,16	118,337	119,803	-1,466	6,0	4,0	0,734	24,00	0,00
25.08.19	73,88	67,54	6,34	118,540	119,831	-1,291	6,0	4,0	0,757	24,00	0,00
26.08.19	72,58	66,03	6,55	117,739	119,120	-1,382	6,0	4,0	0,777	24,00	0,00
27.08.19	71,63	64,88	6,75	116,614	116,857	-0,243	6,0	4,0	0,796	24,00	0,00
28.08.19	71,47	65,13	6,34	116,609	116,253	0,356	6,0	4,0	0,744	24,00	0,00
29.08.19	70,61	64,45	6,16	116,508	115,937	0,572	6,0	4,0	0,724	24,00	0,00
30.08.19	69,93	63,67	6,26	115,958	114,990	0,968	6,0	4,0	0,731	24,00	0,00
31.08.19	69,92	63,39	6,53	114,422	113,320	1,102	6,0	4,0	0,753	24,00	0,00
01.09.19	69,57	61,51	8,06	113,568	112,372	1,196	6,0	4,0	0,921	24,00	0,00
02.09.19	67,47	61,15	6,32	113,066	111,849	1,217	6,0	4,0	0,720	24,00	0,00
03.09.19	67,73	61,43	6,30	113,003	111,887	1,116	6,0	4,0	0,717	24,00	0,00
04.09.19	67,40	61,53	5,87	111,535	110,336	1,199	6,0	4,0	0,660	24,00	0,00
05.09.19	66,24	60,01	6,22	109,838	108,621	1,217	6,0	4,0	0,688	24,00	0,00
06.09.19	65,32	59,37	5,95	108,634	107,615	1,019	6,0	4,0	0,651	24,00	0,00
07.09.19	65,08	59,43	5,65	108,313	107,130	1,183	6,0	4,0	0,617	24,00	0,00
08.09.19	64,83	57,85	6,98	107,699	106,475	1,223	6,0	4,0	0,757	24,00	0,00
09.09.19	63,58	57,61	5,97	106,446	105,274	1,172	6,0	4,0	0,640	24,00	0,00
10.09.19	64,57	58,28	6,29	107,755	106,580	1,175	6,0	4,0	0,682	24,00	0,00
11.09.19	66,29	60,05	6,24	108,907	107,804	1,103	6,0	4,0	0,684	24,00	0,00
12.09.19	67,61	61,45	6,15	108,984	108,748	0,236	6,0	4,0	0,681	24,00	0,00
13.09.19	43,89	38,69	5,20	101,169	98,809	2,360	6,0	4,0	0,521	24,00	0,00
14.09.19	61,00	54,68	6,32	106,051	106,502	-0,451	6,0	4,0	0,675	24,00	0,00
15.09.19	63,50	56,63	6,87	108,308	108,718	-0,411	6,0	4,0	0,749	24,00	0,00
16.09.19	64,59	57,89	6,69	105,353	105,723	-0,369	6,0	4,0	0,710	24,00	0,00
17.09.19	63,04	57,79	5,25	131,708	132,358	-0,650	6,0	4,0	0,697	24,00	0,00
18.09.19	62,47	51,57	10,90	197,632	199,985	-2,353	6,0	4,0	2,160	24,00	0,00
19.09.19	62,62	48,88	13,74	245,366	248,953	-3,586	6,0	4,0	3,382	24,00	0,00
20.09.19	61,95	47,40	14,55	219,443	222,128	-2,685	6,0	4,0	3,201	24,00	0,00
21.09.19	61,61	46,70	14,91	209,352	211,816	-2,464	6,0	4,0	3,130	24,00	0,00
22.09.19	61,55	45,67	15,88	208,357	210,855	-2,499	6,0	4,0	3,317	24,00	0,00
23.09.19	61,96	46,89	15,07	215,734	218,373	-2,639	6,0	4,0	3,259	24,00	0,00
24.09.19	61,64	47,28	14,36	229,654	232,656	-3,002	6,0	4,0	3,306	24,00	0,00
25.09.19	62,04	47,70	14,34	236,962	240,237	-3,274	6,0	4,0	3,408	24,00	0,00
26.09.19	48,84	39,41	9,43	181,239	183,605	-2,366	6,0	4,0	1,702	24,00	0,00
27.09.19	57,71	44,04	13,67	229,917	232,847	-2,929	6,0	4,0	3,148	24,00	0,00
28.09.19	61,00	46,87	14,13	228,693	231,506	-2,813	6,0	4,0	3,240	24,00	0,00
29.09.19	61,27	46,40	14,87	228,759	231,755	-2,996	6,0	4,0	3,409	24,00	0,00
30.09.19	61,09	46,86	14,24	229,034	231,805	-2,770	6,0	4,0	3,269	24,00	0,00
01.10.19	61,56	47,36	14,19	229,919	232,728	-2,809	6,0	4,0	3,272	24,00	0,00
02.10.19	61,00	47,35	13,65	230,447	233,418	-2,971	6,0	4,0	3,154	24,00	0,00
03.10.19	61,76	48,16	13,61	230,965	233,990	-3,025	6,0	4,0	3,151	24,00	0,00
04.10.19	61,93	48,77	13,16	232,568	235,633	-3,064	6,0	4,0	3,070	24,00	0,00
05.10.19	61,35	48,56	12,78	234,246	237,153	-2,908	6,0	4,0	3,004	24,00	0,00
06.10.19	61,85	48,28	13,58	235,076	238,127	-3,051	6,0	4,0	3,201	24,00	0,00
07.10.19	62,36	49,00	13,36	236,257	239,189	-2,932	6,0	4,0	3,165	24,00	0,00
08.10.19	62,31	49,32	12,99	238,923	242,140	-3,217	6,0	4,0	3,114	24,00	0,00
09.10.19	61,83	48,65	13,18	236,323	239,386	-3,063	6,0	4,0	3,123	24,00	0,00
10.10.19	62,04	48,57	13,47	234,574	237,866	-3,292	6,0	4,0	3,168	24,00	0,00
11.10.19	61,82	48,23	13,60	232,520	235,676	-3,156	6,0	4,0	3,171	24,00	0,00
12.10.19	61,72	47,98	13,74	232,338	235,440	-3,102	6,0	4,0	3,200	24,00	0,00

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (ГКал)	Время работы, час	
	T <sub>1</sub>	T <sub>2</sub>	ΔT	G <sub>1</sub>	G <sub>2</sub>	ΔG	P <sub>1</sub>	P <sub>2</sub>	Q <sub>п</sub>	штатное	нештат.
13.10.19	61,93	47,75	14,18	232,419	235,439	-3,020	6,0	4,0	3,305	24,00	0,00
14.10.19	62,18	48,48	13,70	232,748	235,620	-2,872	6,0	4,0	3,197	24,00	0,00
15.10.19	62,15	48,20	13,95	233,138	236,160	-3,022	6,0	4,0	3,262	24,00	0,00
16.10.19	61,33	47,40	13,92	233,058	236,108	-3,049	6,0	4,0	3,254	24,00	0,00
17.10.19	59,80	45,54	14,26	204,225	206,709	-2,484	6,0	4,0	2,919	24,00	0,00
18.10.19	62,11	47,25	14,86	221,113	223,878	-2,765	6,0	4,0	3,295	24,00	0,00
19.10.19	61,65	46,08	15,57	218,761	221,580	-2,818	6,0	4,0	3,414	24,00	0,00
20.10.19	61,50	45,66	15,84	217,645	220,487	-2,842	6,0	4,0	3,456	24,00	0,00
21.10.19	61,38	46,12	15,26	220,527	223,423	-2,896	6,0	4,0	3,373	24,00	0,00
22.10.19	61,64	46,78	14,86	226,013	228,925	-2,912	6,0	4,0	3,366	24,00	0,00
23.10.19	61,70	46,99	14,70	227,864	230,948	-3,084	6,0	4,0	3,359	24,00	0,00
24.10.19	62,01	48,03	13,98	244,438	247,998	-3,560	6,0	4,0	3,427	24,00	0,00
25.10.19	62,29	49,24	13,06	262,146	266,104	-3,958	6,0	4,0	3,433	24,00	0,00
26.10.19	61,93	49,14	12,79	262,181	265,871	-3,690	6,0	4,0	3,364	24,00	0,00
27.10.19	61,48	48,62	12,86	262,212	265,805	-3,593	6,0	4,0	3,383	24,00	0,00
28.10.19	61,96	49,24	12,72	261,514	265,165	-3,651	6,0	4,0	3,335	24,00	0,00
29.10.19	61,93	48,31	13,62	260,023	263,878	-3,854	6,0	4,0	3,552	24,00	0,00
30.10.19	62,30	48,73	13,57	259,104	263,191	-4,087	6,0	4,0	3,525	24,00	0,00
31.10.19	62,07	48,46	13,61	258,879	262,934	-4,055	6,0	4,0	3,533	24,00	0,00
01.11.19	64,12	49,45	14,67	258,111	262,252	-4,142	6,0	4,0	3,797	24,00	0,00
02.11.19	64,10	49,52	14,58	258,275	262,229	-3,954	6,0	4,0	3,775	24,00	0,00
03.11.19	64,11	49,73	14,39	259,376	263,272	-3,895	6,0	4,0	3,741	24,00	0,00
04.11.19	64,15	49,54	14,61	258,618	262,648	-4,030	6,0	4,0	3,789	24,00	0,00
05.11.19	63,88	49,89	13,98	260,205	264,145	-3,941	6,0	4,0	3,649	24,00	0,00
06.11.19	64,11	50,48	13,63	261,027	264,850	-3,823	6,0	4,0	3,569	24,00	0,00
07.11.19	64,24	50,82	13,42	261,241	264,913	-3,672	6,0	4,0	3,517	24,00	0,00
08.11.19	63,94	50,06	13,88	259,650	263,466	-3,815	6,0	4,0	3,613	24,00	0,00
09.11.19	63,78	49,45	14,32	257,520	261,390	-3,870	6,0	4,0	3,699	24,00	0,00
10.11.19	63,95	49,05	14,90	257,558	261,492	-3,933	6,0	4,0	3,848	24,00	0,00
11.11.19	63,92	49,72	14,20	259,711	263,523	-3,812	6,0	4,0	3,699	24,00	0,00
12.11.19	64,14	50,10	14,04	260,166	264,196	-4,029	6,0	4,0	3,662	24,00	0,00
13.11.19	64,06	49,78	14,28	259,198	263,358	-4,160	6,0	4,0	3,712	24,00	0,00
14.11.19	66,43	50,82	15,61	255,599	259,614	-4,016	6,0	4,0	4,001	24,00	0,00
15.11.19	65,96	51,05	14,91	257,200	260,948	-3,748	6,0	4,0	3,846	24,00	0,00
16.11.19	64,43	49,83	14,60	259,757	263,752	-3,996	6,0	4,0	3,802	24,00	0,00
17.11.19	63,61	48,95	14,66	259,723	263,522	-3,799	6,0	4,0	3,817	24,00	0,00
18.11.19	66,69	51,43	15,26	258,195	262,342	-4,147	6,0	4,0	3,951	24,00	0,00
19.11.19	77,47	57,46	20,01	255,199	260,084	-4,885	6,0	4,0	5,120	24,00	0,00
20.11.19	76,88	57,38	19,50	255,659	260,332	-4,672	6,0	4,0	5,000	24,00	0,00
21.11.19	71,42	53,75	17,68	257,291	261,604	-4,313	6,0	4,0	4,560	24,00	0,00
22.11.19	67,25	51,54	15,70	258,127	262,005	-3,878	6,0	4,0	4,065	24,00	0,00
23.11.19	66,40	51,00	15,41	258,845	262,652	-3,806	6,0	4,0	3,998	24,00	0,00
24.11.19	66,34	50,70	15,64	259,156	262,908	-3,752	6,0	4,0	4,064	24,00	0,00
25.11.19	66,36	51,12	15,25	257,390	261,298	-3,908	6,0	4,0	3,935	24,00	0,00
26.11.19	66,59	50,98	15,61	257,765	261,530	-3,765	6,0	4,0	4,036	24,00	0,00
27.11.19	66,44	50,90	15,54	257,346	261,217	-3,871	6,0	4,0	4,010	24,00	0,00
28.11.19	66,40	51,02	15,38	257,509	261,383	-3,874	6,0	4,0	3,970	24,00	0,00
29.11.19	67,03	51,44	15,59	257,948	261,935	-3,987	6,0	4,0	4,032	24,00	0,00
30.11.19	66,74	51,52	15,22	257,204	261,044	-3,840	6,0	4,0	3,925	24,00	0,00
01.12.19	66,68	50,93	15,75	257,594	261,462	-3,868	6,0	4,0	4,068	24,00	0,00
02.12.19	66,55	51,16	15,38	256,854	260,831	-3,977	6,0	4,0	3,963	24,00	0,00
03.12.19	66,42	51,09	15,33	257,394	261,274	-3,880	6,0	4,0	3,956	24,00	0,00
04.12.19	66,53	51,13	15,40	255,784	259,350	-3,567	6,0	4,0	3,950	24,00	0,00
05.12.19	66,24	50,75	15,48	255,605	259,147	-3,543	6,0	4,0	3,968	24,00	0,00
06.12.19	66,57	51,30	15,27	257,186	260,954	-3,769	6,0	4,0	3,938	24,00	0,00
07.12.19	66,40	51,05	15,35	259,188	263,010	-3,822	6,0	4,0	3,989	24,00	0,00
08.12.19	66,30	51,07	15,23	259,283	263,133	-3,849	6,0	4,0	3,959	24,00	0,00
09.12.19	66,66	51,70	14,96	259,189	263,092	-3,902	6,0	4,0	3,888	24,00	0,00
10.12.19	66,57	51,59	14,98	259,018	262,912	-3,894	6,0	4,0	3,891	24,00	0,00
11.12.19	66,81	51,91	14,90	259,520	263,378	-3,858	6,0	4,0	3,878	24,00	0,00
12.12.19	66,04	51,26	14,77	258,073	261,969	-3,896	6,0	4,0	3,823	24,00	0,00
13.12.19	65,51	50,56	14,96	257,187	260,868	-3,680	6,0	4,0	3,858	24,00	0,00
14.12.19	67,07	51,27	15,80	257,756	261,477	-3,721	6,0	4,0	4,083	24,00	0,00
15.12.19	66,60	50,66	15,94	257,019	260,841	-3,822	6,0	4,0	4,107	24,00	0,00
16.12.19	66,55	51,28	15,27	258,273	262,211	-3,938	6,0	4,0	3,956	24,00	0,00
17.12.19	66,44	51,28	15,16	258,403	262,202	-3,799	6,0	4,0	3,928	24,00	0,00
18.12.19	66,31	51,08	15,23	258,066	261,819	-3,753	6,0	4,0	3,941	24,00	0,00
19.12.19	66,88	51,72	15,16	258,943	262,923	-3,980	6,0	4,0	3,937	24,00	0,00
20.12.19	66,58	51,52	15,05	258,267	262,182	-3,914	6,0	4,0	3,899	24,00	0,00
21.12.19	67,50	51,32	16,17	254,422	258,345	-3,923	6,0	4,0	4,126	24,00	0,00
22.12.19	66,83	50,22	16,61	254,578	258,401	-3,823	6,0	4,0	4,239	24,00	0,00
23.12.19	66,70	51,04	15,66	257,354	261,151	-3,797	6,0	4,0	4,042	24,00	0,00
24.12.19	66,25	51,12	15,13	259,283	263,195	-3,912	6,0	4,0	3,933	24,00	0,00
25.12.19	68,52	52,83	15,69	259,709	263,965	-4,255	6,0	4,0	4,087	24,00	0,00

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (ГКал)	Время работы, час	
	T <sub>1</sub>	T <sub>2</sub>	ΔT	G <sub>1</sub>	G <sub>2</sub>	ΔG	P <sub>1</sub>	P <sub>2</sub>	Q <sub>п</sub>	штатное	нештат.
26.12.19	69,45	53,48	15,98	260,176	264,448	-4,272	6,0	4,0	4,168	24,00	0,00
27.12.19	69,26	53,19	16,06	258,613	262,923	-4,310	6,0	4,0	4,166	24,00	0,00
28.12.19	68,97	52,86	16,11	258,415	262,432	-4,017	6,0	4,0	4,173	24,00	0,00
29.12.19	70,43	52,98	17,46	256,393	260,524	-4,131	6,0	4,0	4,487	24,00	0,00
30.12.19	77,94	57,51	20,44	255,275	259,835	-4,560	6,0	4,0	5,231	24,00	0,00
31.12.19	73,87	54,92	18,95	257,598	261,961	-4,363	6,0	4,0	4,895	24,00	0,00
<b>Итого</b>	<b>60,19</b>	<b>49,17</b>	<b>11,02</b>	<b>71309,279</b>	<b>72440,570</b>	<b>-1131,292</b>	<b>5,54</b>	<b>3,69</b>	<b>948,788</b>	<b>8079,93</b>	<b>8,07</b>

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Представитель обслуживающей организации:

