

**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: **пр. Ленина, д. 31**

Система отопления: двухтрубная зависимая
 Расчетная формула тепловой энергии:
 $Q = G^1 \times (T^1 - T^2) / 1000$, Гкал
 $G_{\max} = 15,82$ тн/час
 $G_{\text{от}} = 9,48$ тн/час
 $G_{\text{гвс}} = 6,34$ тн/час
 $Q = 0,262$ Гкал/час

Эльф-03 83003413 05.07.2020
 Взлет ЭРСВ-420Л 1235904 10.07.2020
 Взлет ЭРСВ-420Л 1235821 10.07.2020
 КТСП-Н 5022 28.06.2021

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	70,25	48,74	21,51	182,382	183,815	-1,432	6,0	4,0	3,931	24,00	0,00
02.01.19	68,06	47,54	20,52	182,385	183,742	-1,357	6,0	4,0	3,750	24,00	0,00
03.01.19	66,93	47,36	19,57	182,679	184,037	-1,358	6,0	4,0	3,583	24,00	0,00
04.01.19	66,42	47,23	19,19	182,589	183,918	-1,329	6,0	4,0	3,511	24,00	0,00
05.01.19	66,54	47,43	19,11	182,529	183,900	-1,371	6,0	4,0	3,495	24,00	0,00
06.01.19	66,44	47,06	19,38	182,363	183,760	-1,397	6,0	4,0	3,541	23,98	0,02
07.01.19	66,79	47,52	19,27	182,390	183,768	-1,379	6,0	4,0	3,522	24,00	0,00
08.01.19	68,07	47,42	20,65	182,438	183,908	-1,470	6,0	4,0	3,774	24,00	0,00
09.01.19	68,02	47,75	20,27	183,150	184,573	-1,423	6,0	4,0	3,720	24,00	0,00
10.01.19	67,51	48,23	19,28	196,338	197,838	-1,499	6,0	4,0	3,793	24,00	0,00
11.01.19	66,86	49,85	17,01	219,955	221,529	-1,575	6,0	4,0	3,750	24,00	0,00
12.01.19	67,85	50,35	17,50	218,941	220,511	-1,570	6,0	4,0	3,840	24,00	0,00
13.01.19	66,62	49,68	16,94	217,829	219,369	-1,540	6,0	4,0	3,699	24,00	0,00
14.01.19	67,16	50,32	16,84	218,012	219,570	-1,558	6,0	4,0	3,680	24,00	0,00
15.01.19	67,07	50,09	16,98	219,038	220,613	-1,575	6,0	4,0	3,728	24,00	0,00
16.01.19	66,51	49,94	16,57	219,424	220,965	-1,541	6,0	4,0	3,643	24,00	0,00
17.01.19	67,42	50,57	16,85	219,227	220,651	-1,423	6,0	4,0	3,703	24,00	0,00
18.01.19	67,19	50,51	16,68	219,451	221,000	-1,549	6,0	4,0	3,670	24,00	0,00
19.01.19	67,25	50,72	16,53	220,713	222,270	-1,556	6,0	4,0	3,657	24,00	0,00
20.01.19	66,23	50,04	16,19	220,974	222,532	-1,558	6,0	4,0	3,587	24,00	0,00
21.01.19	67,69	50,14	17,55	220,314	221,904	-1,591	6,0	4,0	3,876	24,00	0,00
22.01.19	67,76	49,64	18,13	196,581	197,958	-1,377	6,0	4,0	3,571	21,50	2,50
23.01.19	68,83	51,04	17,79	218,088	219,659	-1,571	6,0	4,0	3,889	24,00	0,00
24.01.19	73,05	53,28	19,78	217,048	218,675	-1,626	6,0	4,0	4,302	23,98	0,02
25.01.19	71,87	52,86	19,00	217,089	218,668	-1,579	6,0	4,0	4,135	24,00	0,00
26.01.19	71,63	52,19	19,44	217,394	219,017	-1,624	6,0	4,0	4,236	24,00	0,00
27.01.19	73,59	52,95	20,64	217,534	219,237	-1,703	6,0	4,0	4,500	24,00	0,00
28.01.19	73,94	53,55	20,39	218,595	220,307	-1,711	6,0	4,0	4,468	24,00	0,00
29.01.19	73,01	52,94	20,07	220,246	221,960	-1,714	6,0	4,0	4,431	24,00	0,00
30.01.19	70,24	51,35	18,89	220,406	222,049	-1,642	6,0	4,0	4,172	24,00	0,00
31.01.19	71,15	51,68	19,47	220,024	221,662	-1,638	6,0	4,0	4,294	23,98	0,02
01.02.19	69,92	50,83	19,09	209,424	210,851	-1,427	6,0	4,0	4,007	22,68	1,32
02.02.19	69,91	51,18	18,73	222,311	223,753	-1,442	6,0	4,0	4,173	24,00	0,00
03.02.19	74,52	53,50	21,02	222,233	223,794	-1,560	6,0	4,0	4,681	24,00	0,00
04.02.19	79,93	56,73	23,20	221,142	222,848	-1,706	6,0	4,0	5,143	24,00	0,00
05.02.19	82,78	58,47	24,31	220,892	222,661	-1,770	6,0	4,0	5,384	24,00	0,00
06.02.19	82,26	57,99	24,27	221,144	222,900	-1,756	6,0	4,0	5,380	24,00	0,00
07.02.19	80,64	57,29	23,36	220,977	222,693	-1,717	6,0	4,0	5,174	24,00	0,00
08.02.19	75,36	54,56	20,81	221,466	223,046	-1,580	6,0	4,0	4,619	24,00	0,00
09.02.19	71,46	52,31	19,14	221,683	223,149	-1,466	6,0	4,0	4,254	24,00	0,00
10.02.19	68,95	51,07	17,87	222,062	223,384	-1,322	6,0	4,0	3,978	24,00	0,00
11.02.19	67,12	50,06	17,06	221,870	223,224	-1,354	6,0	4,0	3,794	24,00	0,00
12.02.19	66,71	50,06	16,65	221,595	222,879	-1,284	6,0	4,0	3,698	24,00	0,00
13.02.19	66,15	49,87	16,28	224,876	226,176	-1,300	6,0	4,0	3,669	24,00	0,00
14.02.19	65,75	49,82	15,93	221,625	222,908	-1,283	6,0	4,0	3,539	24,00	0,00
15.02.19	65,68	49,84	15,83	221,355	222,611	-1,257	6,0	4,0	3,514	23,98	0,02
16.02.19	65,73	49,67	16,06	221,753	223,053	-1,301	6,0	4,0	3,570	24,00	0,00
17.02.19	65,88	49,74	16,14	221,732	223,054	-1,322	6,0	4,0	3,588	24,00	0,00
18.02.19	65,45	49,70	15,76	222,773	224,057	-1,283	6,0	4,0	3,519	24,00	0,00
19.02.19	66,05	50,11	15,94	223,675	225,002	-1,326	6,0	4,0	3,574	24,00	0,00
20.02.19	66,79	50,24	16,56	222,692	224,042	-1,351	6,0	4,0	3,695	24,00	0,00
21.02.19	65,22	49,22	16,00	222,857	224,168	-1,311	6,0	4,0	3,575	24,00	0,00
22.02.19	66,25	50,39	15,86	223,734	225,025	-1,291	6,0	4,0	3,558	24,00	0,00
23.02.19	66,12	50,20	15,92	224,084	225,400	-1,316	6,0	4,0	3,577	24,00	0,00
24.02.19	66,34	50,02	16,31	223,320	224,738	-1,418	6,0	4,0	3,651	24,00	0,00
25.02.19	66,30	50,30	15,99	223,475	224,920	-1,445	6,0	4,0	3,583	24,00	0,00
26.02.19	66,35	49,83	16,52	222,587	224,067	-1,480	6,0	4,0	3,687	24,00	0,00
27.02.19	66,39	50,40	16,00	222,215	223,648	-1,433	6,0	4,0	3,564	24,00	0,00
28.02.19	66,17	50,37	15,81	222,575	223,968	-1,392	6,0	4,0	3,527	24,00	0,00
01.03.19	65,20	49,66	15,54	221,550	222,981	-1,431	6,0	4,0	3,452	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	65,13	49,61	15,52	220,127	221,549	-1,422	6,0	4,0	3,425	24,00	0,00
03.03.19	64,86	49,10	15,76	219,649	221,080	-1,431	6,0	4,0	3,470	23,98	0,02
04.03.19	66,42	50,32	16,10	220,434	221,890	-1,457	6,0	4,0	3,557	24,00	0,00
05.03.19	65,95	50,11	15,84	219,745	221,189	-1,444	6,0	4,0	3,490	24,00	0,00
06.03.19	65,38	49,88	15,50	220,046	221,478	-1,432	6,0	4,0	3,420	24,00	0,00
07.03.19	64,97	49,61	15,35	220,575	221,985	-1,410	6,0	4,0	3,395	24,00	0,00
08.03.19	65,31	49,41	15,90	220,106	221,541	-1,435	6,0	4,0	3,507	24,00	0,00
09.03.19	65,28	49,58	15,70	220,157	221,585	-1,428	6,0	4,0	3,464	24,00	0,00
10.03.19	65,46	49,73	15,72	220,703	222,133	-1,430	6,0	4,0	3,479	24,00	0,00
11.03.19	65,59	50,36	15,23	220,550	221,980	-1,430	6,0	4,0	3,367	24,00	0,00
12.03.19	65,37	50,41	14,96	221,153	222,563	-1,411	6,0	4,0	3,316	24,00	0,00
13.03.19	65,13	50,19	14,94	221,511	222,911	-1,401	6,0	4,0	3,318	24,00	0,00
14.03.19	65,48	50,45	15,03	221,960	223,390	-1,429	6,0	4,0	3,344	24,00	0,00
15.03.19	65,39	50,13	15,27	221,213	222,631	-1,419	6,0	4,0	3,385	24,00	0,00
16.03.19	65,35	49,83	15,52	220,540	221,936	-1,396	6,0	4,0	3,431	24,00	0,00
17.03.19	65,30	49,51	15,78	220,991	222,397	-1,406	6,0	4,0	3,497	24,00	0,00
18.03.19	65,23	50,03	15,20	221,023	222,405	-1,382	6,0	4,0	3,369	24,00	0,00
19.03.19	65,41	50,25	15,16	223,524	224,934	-1,411	6,0	4,0	3,398	24,00	0,00
20.03.19	65,58	50,49	15,08	225,503	226,900	-1,397	6,0	4,0	3,410	24,00	0,00
21.03.19	65,74	51,00	14,74	226,944	228,305	-1,361	6,0	4,0	3,354	24,00	0,00
22.03.19	65,44	51,09	14,36	231,108	232,503	-1,395	6,0	4,0	3,327	24,00	0,00
23.03.19	65,17	51,00	14,17	232,562	233,958	-1,396	6,0	4,0	3,306	23,97	0,03
24.03.19	65,05	50,85	14,21	232,870	234,272	-1,402	6,0	4,0	3,318	24,00	0,00
25.03.19	64,61	50,83	13,77	233,448	234,807	-1,358	6,0	4,0	3,225	24,00	0,00
26.03.19	65,22	51,27	13,95	200,210	201,336	-1,126	6,0	4,0	2,801	20,60	3,40
27.03.19	64,78	50,84	13,94	234,780	236,130	-1,350	6,0	4,0	3,283	24,00	0,00
28.03.19	64,23	50,51	13,72	234,577	235,803	-1,226	6,0	4,0	3,228	24,00	0,00
29.03.19	62,32	49,31	13,01	232,723	233,873	-1,149	6,0	4,0	3,035	24,00	0,00
30.03.19	64,33	50,13	14,20	232,361	233,619	-1,258	6,0	4,0	3,307	24,00	0,00
31.03.19	64,61	50,22	14,39	232,760	234,032	-1,272	6,0	4,0	3,358	23,98	0,02
01.04.19	64,27	49,60	14,67	212,645	213,781	-1,136	6,0	4,0	3,128	24,00	0,00
02.04.19	64,30	47,22	17,09	179,422	180,412	-0,990	6,0	4,0	3,072	24,00	0,00
03.04.19	63,99	47,88	16,11	185,231	186,201	-0,970	6,0	4,0	2,992	24,00	0,00
04.04.19	63,69	47,54	16,15	185,308	186,277	-0,970	6,0	4,0	3,000	24,00	0,00
05.04.19	63,75	47,82	15,92	185,490	186,478	-0,989	6,0	4,0	2,961	24,00	0,00
06.04.19	63,74	47,87	15,88	183,842	184,799	-0,957	6,0	4,0	2,925	24,00	0,00
07.04.19	63,17	47,26	15,91	183,090	184,059	-0,970	6,0	4,0	2,919	24,00	0,00
08.04.19	62,31	47,40	14,91	184,624	185,593	-0,969	6,0	4,0	2,760	24,00	0,00
09.04.19	61,18	46,69	14,49	185,433	186,390	-0,957	6,0	4,0	2,694	24,00	0,00
10.04.19	61,01	46,92	14,09	187,979	188,908	-0,929	6,0	4,0	2,656	24,00	0,00
11.04.19	61,09	47,10	13,99	191,839	192,767	-0,928	6,0	4,0	2,691	24,00	0,00
12.04.19	61,14	47,55	13,59	193,302	194,138	-0,836	6,0	4,0	2,634	24,00	0,00
13.04.19	61,19	47,05	14,14	191,318	192,242	-0,924	6,0	4,0	2,711	24,00	0,00
14.04.19	61,34	46,45	14,89	190,460	191,419	-0,959	6,0	4,0	2,842	24,00	0,00
15.04.19	61,14	46,52	14,62	190,835	191,805	-0,970	6,0	4,0	2,796	24,00	0,00
16.04.19	60,87	46,23	14,64	188,610	189,571	-0,961	6,0	4,0	2,769	24,00	0,00
17.04.19	61,18	45,72	15,46	186,447	187,427	-0,980	6,0	4,0	2,890	24,00	0,00
18.04.19	61,27	45,58	15,68	185,684	186,657	-0,974	6,0	4,0	2,918	24,00	0,00
19.04.19	61,08	46,19	14,89	186,761	187,714	-0,953	6,0	4,0	2,788	24,00	0,00
20.04.19	59,16	44,92	14,24	186,643	187,567	-0,924	6,0	4,0	2,665	24,00	0,00
21.04.19	60,44	45,39	15,05	187,179	188,139	-0,960	6,0	4,0	2,824	24,00	0,00
22.04.19	61,19	46,53	14,66	189,840	190,808	-0,968	6,0	4,0	2,791	24,00	0,00
23.04.19	60,92	46,56	14,36	194,016	194,992	-0,976	6,0	4,0	2,793	24,00	0,00
24.04.19	61,00	47,27	13,73	196,302	197,255	-0,952	6,0	4,0	2,702	24,00	0,00
25.04.19	60,07	46,12	13,95	195,914	196,845	-0,931	6,0	4,0	2,739	24,00	0,00
26.04.19	58,95	45,72	13,23	195,336	196,265	-0,929	6,0	4,0	2,591	24,00	0,00
27.04.19	61,13	46,73	14,40	195,943	196,916	-0,974	6,0	4,0	2,829	24,00	0,00
28.04.19	60,68	46,35	14,34	195,539	196,507	-0,968	6,0	4,0	2,810	24,00	0,00
29.04.19	60,71	46,14	14,57	193,501	194,475	-0,974	6,0	4,0	2,826	24,00	0,00
30.04.19	60,73	46,25	14,48	193,321	194,283	-0,962	6,0	4,0	2,806	24,00	0,00
01.05.19	59,33	45,12	14,20	193,822	194,787	-0,965	6,0	4,0	2,759	24,00	0,00
02.05.19	59,39	45,67	13,72	194,489	195,415	-0,926	6,0	4,0	2,675	24,00	0,00
03.05.19	59,18	45,68	13,51	194,854	195,775	-0,921	6,0	4,0	2,639	24,00	0,00
04.05.19	59,30	46,18	13,11	194,843	195,747	-0,905	6,0	4,0	2,562	24,00	0,00
05.05.19	55,79	43,99	11,80	195,019	195,883	-0,865	6,0	4,0	2,307	24,00	0,00
06.05.19	59,50	50,37	9,13	152,214	152,808	-0,594	6,0	4,0	1,395	24,00	0,00
07.05.19	60,87	55,95	4,92	97,435	97,778	-0,343	6,0	4,0	0,484	24,00	0,00
08.05.19	61,46	54,83	6,62	80,368	80,667	-0,299	6,0	4,0	0,536	24,00	0,00
09.05.19	64,20	58,06	6,14	82,648	82,942	-0,294	6,0	4,0	0,511	24,00	0,00
10.05.19	65,73	59,44	6,29	83,441	83,742	-0,301	6,0	4,0	0,529	24,00	0,00
11.05.19	66,07	60,21	5,86	83,788	84,087	-0,299	6,0	4,0	0,494	24,00	0,00
12.05.19	66,80	60,26	6,55	83,929	84,236	-0,307	6,0	4,0	0,553	24,00	0,00
13.05.19	66,44	59,45	6,99	84,772	85,097	-0,325	6,0	4,0	0,596	24,00	0,00
14.05.19	67,40	61,12	6,28	85,520	85,833	-0,313	6,0	4,0	0,541	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	66,03	60,10	5,93	58,894	58,472	0,423	6,0	4,0	0,352	24,00	0,00
16.05.19	68,89	62,15	6,74	84,319	84,590	-0,271	6,0	4,0	0,572	24,00	0,00
17.05.19	68,28	61,95	6,33	84,140	84,412	-0,271	6,0	4,0	0,536	24,00	0,00
18.05.19	66,52	60,50	6,03	83,716	83,991	-0,275	6,0	4,0	0,508	24,00	0,00
19.05.19	65,34	56,90	8,44	82,406	82,735	-0,329	6,0	4,0	0,698	24,00	0,00
20.05.19	62,69	54,82	7,87	81,121	81,437	-0,316	6,0	4,0	0,642	24,00	0,00
21.05.19	62,89	55,51	7,38	80,704	81,010	-0,306	6,0	4,0	0,599	24,00	0,00
22.05.19	62,80	55,44	7,36	81,310	81,613	-0,304	6,0	4,0	0,601	24,00	0,00
23.05.19	63,84	57,16	6,68	82,920	83,220	-0,300	6,0	4,0	0,557	24,00	0,00
24.05.19	63,89	56,05	7,85	82,395	82,741	-0,345	6,0	4,0	0,650	24,02	-0,02
25.05.19	63,12	55,72	7,40	81,236	81,594	-0,358	6,0	4,0	0,604	24,00	0,00
26.05.19	63,35	55,65	7,71	81,221	81,590	-0,369	6,0	4,0	0,629	23,98	0,02
27.05.19	63,79	56,64	7,15	84,026	84,396	-0,370	6,0	4,0	0,604	24,00	0,00
28.05.19	66,99	60,17	6,82	87,409	87,732	-0,323	6,0	4,0	0,600	24,00	0,00
29.05.19	68,60	61,84	6,76	88,028	88,382	-0,354	6,0	4,0	0,599	24,00	0,00
30.05.19	69,25	62,36	6,90	87,986	88,348	-0,361	6,0	4,0	0,611	24,00	0,00
31.05.19	69,47	63,99	5,47	88,259	88,567	-0,309	6,0	4,0	0,487	24,00	0,00
01.06.19	71,08	64,84	6,24	89,181	89,533	-0,352	6,0	4,0	0,560	24,00	0,00
02.06.19	72,02	65,27	6,76	89,164	89,533	-0,369	6,0	4,0	0,606	24,00	0,00
03.06.19	70,85	64,64	6,21	88,828	89,189	-0,360	6,0	4,0	0,555	24,00	0,00
04.06.19	67,37	61,55	5,82	87,254	87,591	-0,336	6,0	4,0	0,511	24,00	0,00
05.06.19	65,64	59,10	6,55	86,256	86,621	-0,365	6,0	4,0	0,568	24,00	0,00
06.06.19	66,28	60,11	6,17	86,463	86,824	-0,361	6,0	4,0	0,537	24,00	0,00
07.06.19	67,46	61,90	5,57	87,825	88,179	-0,354	6,0	4,0	0,493	24,00	0,00
08.06.19	69,63	64,03	5,60	88,738	89,093	-0,355	6,0	4,0	0,501	24,00	0,00
09.06.19	70,72	64,59	6,14	89,043	89,409	-0,366	6,0	4,0	0,550	24,00	0,00
10.06.19	70,55	64,40	6,15	89,406	89,779	-0,373	6,0	4,0	0,554	24,00	0,00
11.06.19	71,38	65,42	5,96	91,017	91,391	-0,375	6,0	4,0	0,546	24,00	0,00
12.06.19	72,88	66,91	5,96	93,344	93,725	-0,381	6,0	4,0	0,561	24,00	0,00
13.06.19	62,40	59,23	3,17	29,357	29,456	-0,100	6,0	4,0	0,094	24,00	0,00
14.06.19	23,26	22,44	0,82	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
15.06.19	21,44	20,79	0,65	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
16.06.19	20,55	20,01	0,54	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
17.06.19	19,66	19,08	0,57	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
18.06.19	19,11	18,56	0,55	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
19.06.19	18,87	18,44	0,43	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
20.06.19	18,94	18,46	0,48	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
21.06.19	18,84	18,36	0,48	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
22.06.19	18,46	17,86	0,59	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
23.06.19	18,78	18,27	0,51	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
24.06.19	19,03	18,39	0,64	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
25.06.19	18,84	18,24	0,60	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
26.06.19	18,34	17,64	0,70	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
27.06.19	28,48	25,78	2,70	35,456	35,553	-0,097	6,0	4,0	0,097	24,00	0,00
28.06.19	60,37	54,65	5,71	81,596	81,902	-0,306	6,0	4,0	0,469	24,00	0,00
29.06.19	59,03	51,37	7,66	57,256	57,458	-0,202	6,0	4,0	0,441	24,00	0,00
30.06.19	68,52	61,18	7,34	62,150	62,375	-0,225	6,0	4,0	0,459	24,00	0,00
01.07.19	64,23	56,70	7,53	58,645	58,862	-0,217	6,0	4,0	0,444	24,00	0,00
02.07.19	62,81	54,03	8,77	55,137	55,350	-0,213	6,0	4,0	0,486	24,00	0,00
03.07.19	66,85	58,28	8,58	54,933	55,140	-0,207	6,0	4,0	0,473	22,57	1,43
04.07.19	63,03	54,70	8,33	45,924	46,085	-0,161	6,0	4,0	0,384	21,25	2,75
05.07.19	65,31	55,43	9,88	48,596	48,783	-0,187	6,0	4,0	0,482	24,00	0,00
06.07.19	64,37	55,54	8,83	48,420	48,595	-0,175	6,0	4,0	0,429	24,00	0,00
07.07.19	67,24	56,61	10,63	49,841	50,047	-0,206	6,0	4,0	0,532	24,00	0,00
08.07.19	61,76	53,64	8,11	46,763	46,923	-0,160	6,0	4,0	0,381	24,00	0,00
09.07.19	61,80	52,61	9,19	46,115	46,281	-0,166	6,0	4,0	0,425	24,00	0,00
10.07.19	63,68	54,79	8,89	47,315	47,485	-0,170	6,0	4,0	0,422	24,00	0,00
11.07.19	64,37	54,47	9,90	47,021	47,202	-0,181	6,0	4,0	0,467	24,00	0,00
12.07.19	64,70	55,01	9,69	46,943	47,117	-0,174	6,0	4,0	0,457	24,00	0,00
13.07.19	66,70	55,81	10,89	47,542	47,749	-0,207	6,0	4,0	0,520	24,00	0,00
14.07.19	68,07	57,12	10,95	47,783	47,999	-0,216	6,0	4,0	0,525	24,00	0,00
15.07.19	66,57	54,44	12,13	47,526	47,758	-0,233	6,0	4,0	0,579	24,00	0,00
16.07.19	65,01	55,93	9,08	46,276	46,450	-0,174	6,0	4,0	0,422	24,00	0,00
17.07.19	36,76	31,17	5,60	39,972	40,129	-0,157	6,0	4,0	0,225	24,00	0,00
18.07.19	30,87	26,73	4,14	41,375	41,527	-0,152	6,0	4,0	0,173	24,00	0,00
19.07.19	50,22	41,13	9,09	43,797	43,966	-0,169	6,0	4,0	0,399	24,00	0,00
20.07.19	61,26	52,88	8,38	46,527	46,678	-0,151	6,0	4,0	0,392	24,00	0,00
21.07.19	64,80	55,87	8,93	47,908	48,076	-0,168	6,0	4,0	0,430	24,00	0,00
22.07.19	64,29	54,86	9,43	47,312	47,487	-0,176	6,0	4,0	0,448	24,00	0,00
23.07.19	65,14	55,46	9,67	46,862	47,044	-0,181	6,0	4,0	0,455	24,00	0,00
24.07.19	66,39	57,19	9,19	46,966	47,151	-0,184	6,0	4,0	0,434	24,00	0,00
25.07.19	68,52	58,88	9,63	47,469	47,667	-0,198	6,0	4,0	0,459	24,00	0,00
26.07.19	69,76	60,44	9,32	47,646	47,842	-0,196	6,0	4,0	0,446	24,00	0,00
27.07.19	69,72	60,99	8,73	47,615	47,802	-0,187	6,0	4,0	0,418	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	69,08	59,32	9,77	44,058	44,261	-0,203	6,0	4,0	0,432	22,33	1,67
29.07.19	66,31	56,62	9,69	46,972	47,178	-0,206	6,0	4,0	0,457	24,00	0,00
30.07.19	60,51	52,17	8,34	20,848	20,928	-0,081	6,0	4,0	0,175	24,00	0,00
31.07.19	22,01	21,10	0,91	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
01.08.19	19,62	19,78	-0,16	0,000	0,000	0,000	6,0	4,0	0,000	24,00	0,00
02.08.19	27,75	22,98	4,77	26,343	26,447	-0,104	6,0	4,0	0,127	24,00	0,00
03.08.19	49,54	38,99	10,55	41,447	41,615	-0,168	6,0	4,0	0,439	24,00	0,00
04.08.19	57,39	46,52	10,88	43,462	43,623	-0,162	6,0	4,0	0,474	24,00	0,00
05.08.19	61,15	51,10	10,05	44,587	44,744	-0,157	6,0	4,0	0,450	24,00	0,00
06.08.19	65,34	56,58	8,76	56,699	56,911	-0,212	6,0	4,0	0,499	24,00	0,00
07.08.19	67,08	60,73	6,35	71,057	71,309	-0,251	6,0	4,0	0,454	24,00	0,00
08.08.19	67,98	61,43	6,55	71,495	71,754	-0,258	6,0	4,0	0,471	24,00	0,00
09.08.19	68,12	60,73	7,39	71,592	71,873	-0,280	6,0	4,0	0,532	24,00	0,00
10.08.19	69,17	62,48	6,69	71,926	72,191	-0,265	6,0	4,0	0,484	24,00	0,00
11.08.19	70,17	63,44	6,74	72,203	72,458	-0,255	6,0	4,0	0,489	24,00	0,00
12.08.19	69,81	63,35	6,46	70,369	70,642	-0,273	6,0	4,0	0,457	23,23	0,77
13.08.19	70,36	63,38	6,98	73,140	73,437	-0,297	6,0	4,0	0,514	24,00	0,00
14.08.19	68,83	62,47	6,36	72,376	72,638	-0,262	6,0	4,0	0,463	24,00	0,00
15.08.19	69,26	62,34	6,92	72,502	72,770	-0,268	6,0	4,0	0,504	24,00	0,00
16.08.19	70,22	63,53	6,69	71,333	71,593	-0,261	6,0	4,0	0,481	24,00	0,00
17.08.19	71,22	64,37	6,85	73,413	73,703	-0,291	6,0	4,0	0,506	24,00	0,00
18.08.19	72,01	65,31	6,70	73,278	73,567	-0,288	6,0	4,0	0,494	24,00	0,00
19.08.19	71,10	64,10	6,99	73,311	73,605	-0,294	6,0	4,0	0,516	24,00	0,00
20.08.19	71,79	64,22	7,57	73,739	74,041	-0,302	6,0	4,0	0,561	24,00	0,00
21.08.19	71,93	64,73	7,21	73,810	74,066	-0,256	6,0	4,0	0,535	24,00	0,00
22.08.19	67,25	61,27	5,97	72,077	72,350	-0,273	6,0	4,0	0,433	24,00	0,00
23.08.19	67,94	61,99	5,95	73,178	73,455	-0,277	6,0	4,0	0,439	24,00	0,00
24.08.19	70,81	64,82	5,99	73,630	73,908	-0,278	6,0	4,0	0,444	24,00	0,00
25.08.19	71,45	63,97	7,48	73,620	73,933	-0,313	6,0	4,0	0,554	24,00	0,00
26.08.19	70,08	63,28	6,80	73,225	73,525	-0,300	6,0	4,0	0,501	24,00	0,00
27.08.19	69,53	62,24	7,29	72,573	72,878	-0,305	6,0	4,0	0,532	24,02	-0,02
28.08.19	69,74	62,56	7,18	72,611	72,923	-0,313	6,0	4,0	0,524	24,00	0,00
29.08.19	69,23	61,58	7,66	72,316	72,638	-0,322	6,0	4,0	0,557	24,00	0,00
30.08.19	68,34	60,18	8,15	72,141	72,472	-0,332	6,0	4,0	0,591	24,00	0,00
31.08.19	68,19	60,43	7,76	71,683	71,995	-0,312	6,0	4,0	0,559	24,00	0,00
01.09.19	68,05	59,62	8,43	71,194	71,524	-0,330	6,0	4,0	0,603	24,00	0,00
02.09.19	65,90	58,33	7,57	69,659	69,942	-0,284	6,0	4,0	0,530	23,55	0,45
03.09.19	66,25	58,43	7,82	70,909	71,229	-0,321	6,0	4,0	0,557	24,00	0,00
04.09.19	65,97	59,12	6,85	70,075	70,376	-0,301	6,0	4,0	0,483	24,00	0,00
05.09.19	64,68	57,33	7,34	69,155	69,462	-0,307	6,0	4,0	0,511	24,00	0,00
06.09.19	63,90	57,23	6,67	68,785	69,083	-0,298	6,0	4,0	0,462	24,00	0,00
07.09.19	63,68	56,28	7,40	68,674	68,968	-0,295	6,0	4,0	0,511	24,00	0,00
08.09.19	63,64	55,02	8,61	68,253	68,578	-0,325	6,0	4,0	0,591	24,00	0,00
09.09.19	62,22	54,42	7,80	67,795	68,102	-0,307	6,0	4,0	0,532	24,00	0,00
10.09.19	63,21	55,76	7,45	68,259	68,564	-0,305	6,0	4,0	0,511	24,00	0,00
11.09.19	64,63	57,53	7,10	70,137	70,441	-0,305	6,0	4,0	0,501	24,00	0,00
12.09.19	68,40	61,87	6,52	72,004	72,295	-0,291	6,0	4,0	0,473	24,00	0,00
13.09.19	43,33	37,73	5,60	68,220	68,537	-0,317	6,0	4,0	0,384	24,00	0,00
14.09.19	58,50	50,70	7,80	69,837	70,184	-0,347	6,0	4,0	0,547	24,00	0,00
15.09.19	61,26	53,61	7,65	71,245	71,601	-0,356	6,0	4,0	0,548	24,00	0,00
16.09.19	62,51	55,18	7,32	69,762	70,106	-0,344	6,0	4,0	0,514	24,00	0,00
17.09.19	61,44	55,32	6,13	85,242	85,647	-0,406	6,0	4,0	0,526	22,67	1,33
18.09.19	60,20	51,30	8,90	237,567	239,106	-1,539	6,0	4,0	2,122	24,00	0,00
19.09.19	62,53	52,38	10,15	311,911	314,174	-2,263	6,0	4,0	3,177	24,00	0,00
20.09.19	61,70	50,31	11,39	262,633	264,642	-2,009	6,0	4,0	3,001	24,00	0,00
21.09.19	60,56	48,85	11,71	239,990	241,848	-1,858	6,0	4,0	2,819	24,00	0,00
22.09.19	60,65	48,58	12,08	238,789	240,706	-1,917	6,0	4,0	2,892	24,00	0,00
23.09.19	61,45	49,20	12,25	240,971	242,904	-1,933	6,0	4,0	2,961	24,00	0,00
24.09.19	61,41	49,02	12,39	240,299	242,175	-1,876	6,0	4,0	2,987	24,00	0,00
25.09.19	61,42	48,81	12,62	234,085	235,988	-1,903	6,0	4,0	2,962	24,02	-0,02
26.09.19	49,08	40,90	8,18	224,031	225,457	-1,425	6,0	4,0	1,841	24,00	0,00
27.09.19	56,51	44,49	12,02	229,425	231,192	-1,767	6,0	4,0	2,765	24,00	0,00
28.09.19	60,65	47,88	12,77	229,532	231,405	-1,873	6,0	4,0	2,940	24,00	0,00
29.09.19	61,05	48,02	13,03	229,516	231,389	-1,873	6,0	4,0	3,000	24,00	0,00
30.09.19	60,89	48,58	12,30	229,246	231,158	-1,913	6,0	4,0	2,829	24,00	0,00
01.10.19	61,34	50,18	11,16	263,510	265,619	-2,109	6,0	4,0	2,952	24,00	0,00
02.10.19	60,76	50,57	10,19	283,054	285,191	-2,138	6,0	4,0	2,895	24,00	0,00
03.10.19	61,26	51,06	10,20	284,480	286,537	-2,058	6,0	4,0	2,911	24,00	0,00
04.10.19	61,04	51,33	9,72	287,468	289,618	-2,151	6,0	4,0	2,804	24,00	0,00
05.10.19	60,28	50,90	9,38	289,890	292,084	-2,194	6,0	4,0	2,731	24,00	0,00
06.10.19	60,66	51,29	9,37	290,546	292,669	-2,123	6,0	4,0	2,734	24,00	0,00
07.10.19	61,26	51,60	9,66	294,739	296,988	-2,250	6,0	4,0	2,858	24,00	0,00
08.10.19	61,27	51,87	9,40	298,990	301,205	-2,215	6,0	4,0	2,821	24,00	0,00
09.10.19	60,89	51,34	9,55	296,733	298,872	-2,139	6,0	4,0	2,845	24,00	0,00

Дата	Температура (°C)			Масса (тн)			Давление (ат)		Теплота (ГКал)	Время работы, час	
	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _п	штатное	нештат.
10.10.19	60,97	51,10	9,87	290,109	292,323	-2,215	6,0	4,0	2,875	24,00	0,00
11.10.19	60,77	50,76	10,01	288,723	290,937	-2,214	6,0	4,0	2,902	24,00	0,00
12.10.19	60,62	50,87	9,75	288,624	290,825	-2,201	6,0	4,0	2,826	24,00	0,00
13.10.19	60,92	50,86	10,06	288,592	290,800	-2,208	6,0	4,0	2,913	24,00	0,00
14.10.19	60,95	50,32	10,63	269,495	271,603	-2,108	6,0	4,0	2,874	24,00	0,00
15.10.19	61,06	49,85	11,21	249,144	251,142	-1,998	6,0	4,0	2,802	24,00	0,00
16.10.19	60,60	49,10	11,50	244,668	246,630	-1,962	6,0	4,0	2,823	24,00	0,00
17.10.19	58,89	47,03	11,86	220,781	222,489	-1,709	6,0	4,0	2,626	24,00	0,00
18.10.19	61,51	49,52	11,98	247,351	246,995	0,356	6,0	4,0	2,973	24,00	0,00
19.10.19	61,06	48,47	12,59	238,039	239,897	-1,858	6,0	4,0	3,005	24,00	0,00
20.10.19	61,03	48,51	12,53	237,396	239,250	-1,854	6,0	4,0	2,982	24,00	0,00
21.10.19	61,22	48,47	12,75	235,704	237,528	-1,823	6,0	4,0	3,014	24,00	0,00
22.10.19	61,16	48,64	12,51	225,359	227,171	-1,812	6,0	4,0	2,828	22,95	1,05
23.10.19	61,16	48,75	12,41	239,345	241,274	-1,930	6,0	4,0	2,979	24,00	0,00
24.10.19	60,91	49,09	11,82	143,576	144,729	-1,153	6,0	4,0	1,703	14,45	9,55
25.10.19	61,25	49,00	12,25	239,272	241,208	-1,936	6,0	4,0	2,940	24,00	0,00
26.10.19	61,11	48,91	12,21	240,027	241,958	-1,932	6,0	4,0	2,939	24,00	0,00
27.10.19	60,83	48,72	12,11	240,043	241,962	-1,918	6,0	4,0	2,916	24,00	0,00
28.10.19	61,28	49,64	11,65	241,868	243,793	-1,925	6,0	4,0	2,826	24,00	0,00
29.10.19	61,35	49,31	12,04	241,850	243,789	-1,939	6,0	4,0	2,921	24,00	0,00
30.10.19	61,56	48,97	12,60	239,052	240,976	-1,924	6,0	4,0	3,020	24,00	0,00
31.10.19	61,18	48,41	12,77	236,190	238,116	-1,927	6,0	4,0	3,025	24,00	0,00
01.11.19	63,02	49,50	13,51	238,431	240,400	-1,969	6,0	4,0	3,230	24,00	0,00
02.11.19	63,30	49,43	13,87	237,479	239,497	-2,018	6,0	4,0	3,302	24,00	0,00
03.11.19	63,33	49,67	13,66	237,501	239,473	-1,972	6,0	4,0	3,253	24,00	0,00
04.11.19	63,42	49,62	13,80	237,186	239,188	-2,003	6,0	4,0	3,282	24,00	0,00
05.11.19	63,23	49,90	13,33	237,655	239,629	-1,974	6,0	4,0	3,177	24,00	0,00
06.11.19	63,37	50,54	12,83	240,389	242,347	-1,958	6,0	4,0	3,094	24,00	0,00
07.11.19	63,59	50,76	12,84	241,286	243,219	-1,933	6,0	4,0	3,107	24,00	0,00
08.11.19	63,47	50,68	12,79	243,020	244,983	-1,963	6,0	4,0	3,117	24,00	0,00
09.11.19	63,33	49,85	13,47	242,445	244,446	-2,000	6,0	4,0	3,276	24,00	0,00
10.11.19	63,64	49,67	13,96	242,512	244,578	-2,066	6,0	4,0	3,395	24,00	0,00
11.11.19	63,61	50,02	13,59	241,521	243,549	-2,028	6,0	4,0	3,291	24,00	0,00
12.11.19	63,78	50,36	13,41	240,286	242,285	-1,999	6,0	4,0	3,232	24,00	0,00
13.11.19	63,61	50,20	13,41	237,469	239,476	-2,007	6,0	4,0	3,194	23,83	0,17
14.11.19	65,63	50,84	14,79	239,131	241,206	-2,075	6,0	4,0	3,546	24,00	0,00
15.11.19	64,91	50,59	14,33	238,109	240,149	-2,041	6,0	4,0	3,421	24,00	0,00
16.11.19	63,57	49,65	13,92	236,925	238,919	-1,994	6,0	4,0	3,306	24,00	0,00
17.11.19	62,65	48,89	13,77	236,259	238,269	-2,010	6,0	4,0	3,262	24,00	0,00
18.11.19	65,43	50,72	14,70	236,423	238,449	-2,026	6,0	4,0	3,486	24,00	0,00
19.11.19	76,25	57,06	19,19	235,484	237,672	-2,188	6,0	4,0	4,531	24,00	0,00
20.11.19	76,58	57,04	19,54	228,100	230,283	-2,183	6,0	4,0	4,468	24,00	0,00
21.11.19	70,99	52,93	18,05	219,457	221,519	-2,061	6,0	4,0	3,972	24,00	0,00
22.11.19	66,92	48,71	18,21	194,237	196,062	-1,825	6,0	4,0	3,545	24,00	0,00
23.11.19	65,53	46,78	18,75	177,754	179,488	-1,735	6,0	4,0	3,339	24,00	0,00
24.11.19	65,48	46,46	19,02	177,871	179,627	-1,756	6,0	4,0	3,390	24,00	0,00
25.11.19	65,00	46,11	18,89	98,074	99,063	-0,988	6,0	4,0	1,856	13,27	10,73
26.11.19	65,59	45,21	20,38	158,936	160,560	-1,624	6,0	4,0	3,245	24,00	0,00
27.11.19	65,47	45,32	20,15	160,011	161,626	-1,615	6,0	4,0	3,230	24,00	0,00
28.11.19	65,32	45,31	20,01	161,141	162,670	-1,528	6,0	4,0	3,230	24,00	0,00
29.11.19	65,54	45,84	19,69	160,736	162,329	-1,593	6,0	4,0	3,171	23,82	0,18
30.11.19	65,07	45,31	19,75	160,495	162,049	-1,555	6,0	4,0	3,176	24,00	0,00
01.12.19	65,45	44,69	20,75	160,819	162,421	-1,602	6,0	4,0	3,343	24,00	0,00
02.12.19	65,46	45,53	19,93	161,126	162,733	-1,608	6,0	4,0	3,217	24,00	0,00
03.12.19	65,21	45,39	19,82	161,382	162,977	-1,596	6,0	4,0	3,204	24,00	0,00
04.12.19	65,82	46,48	19,35	176,712	178,403	-1,691	6,0	4,0	3,425	24,00	0,00
05.12.19	65,58	49,01	16,57	208,786	210,632	-1,845	6,0	4,0	3,467	24,00	0,00
06.12.19	65,79	49,81	15,97	216,693	218,559	-1,866	6,0	4,0	3,470	24,00	0,00
07.12.19	65,73	50,05	15,68	216,647	218,474	-1,827	6,0	4,0	3,405	24,00	0,00
08.12.19	65,74	49,74	16,00	215,899	217,749	-1,851	6,0	4,0	3,463	24,00	0,00
09.12.19	66,03	50,50	15,53	214,912	216,725	-1,814	6,0	4,0	3,347	23,92	0,08
10.12.19	66,00	50,41	15,58	216,066	217,893	-1,827	6,0	4,0	3,375	24,00	0,00
11.12.19	66,01	50,87	15,14	217,689	219,476	-1,787	6,0	4,0	3,305	24,00	0,00
12.12.19	64,74	49,73	15,01	216,455	218,190	-1,735	6,0	4,0	3,257	24,00	0,00
13.12.19	63,57	48,84	14,73	215,150	216,904	-1,755	6,0	4,0	3,177	24,00	0,00
14.12.19	66,23	50,29	15,94	216,298	218,128	-1,830	6,0	4,0	3,456	24,00	0,00
15.12.19	65,97	49,30	16,67	215,751	217,628	-1,877	6,0	4,0	3,605	24,00	0,00
16.12.19	66,01	49,97	16,04	216,302	218,163	-1,861	6,0	4,0	3,478	24,00	0,00
17.12.19	65,88	50,08	15,80	216,428	218,274	-1,845	6,0	4,0	3,427	24,00	0,00
18.12.19	65,82	49,90	15,92	211,276	213,079	-1,803	6,0	4,0	3,373	23,50	0,50
19.12.19	66,22	50,48	15,74	217,216	219,050	-1,834	6,0	4,0	3,427	24,00	0,00
20.12.19	66,04	50,35	15,70	217,662	219,497	-1,835	6,0	4,0	3,425	24,00	0,00
21.12.19	66,78	50,32	16,45	217,399	219,273	-1,874	6,0	4,0	3,585	24,00	0,00
22.12.19	66,23	49,64	16,59	217,164	219,066	-1,902	6,0	4,0	3,612	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	66,35	49,99	16,36	217,978	219,865	-1,886	6,0	4,0	3,575	24,00	0,00
24.12.19	65,66	49,85	15,81	218,191	220,041	-1,851	6,0	4,0	3,458	24,00	0,00
25.12.19	67,67	51,27	16,41	218,630	220,514	-1,884	6,0	4,0	3,596	24,00	0,00
26.12.19	68,82	52,20	16,62	218,686	220,579	-1,893	6,0	4,0	3,643	24,00	0,00
27.12.19	68,74	52,39	16,34	218,284	220,164	-1,879	6,0	4,0	3,576	24,00	0,00
28.12.19	68,42	51,88	16,55	218,456	220,342	-1,885	6,0	4,0	3,624	24,00	0,00
29.12.19	69,42	51,87	17,55	218,340	220,273	-1,932	6,0	4,0	3,842	24,00	0,00
30.12.19	77,08	55,99	21,09	217,977	220,041	-2,064	6,0	4,0	4,608	24,00	0,00
31.12.19	73,40	53,08	20,31	216,890	218,940	-2,050	6,0	4,0	4,415	24,00	0,00
Итого	62,98	50,80	12,19	58505,715	58898,060	-392,345	6,00	4,00	826,226	8722,02	37,98

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Представитель обслуживающей организации:

