

**Ведомость учета отпуска тепловой энергии за период
с 01.01.2021 по 31.12.2021**

Потребитель: **ООО «Коммунальник» 624260, г.Асбест, Свердловской обл., ул. Королева,14**
 Объект: **ул. Победы, д. 18**

Система отопления: двухтрубная зависимая	Эльф-03	74073210	12.08.2022
Расчетная формула тепловой энергии:	МастерФлоу МФ-2-21-Б-40	40002892	10.08.2022
$Q = G^2 \times (T^1 - T^2) / 1000$, Гкал	МастерФлоу МФ-2-21-Б-40	40003309	10.08.2022
	КТСП-Н	36353	13.08.2022

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 _n	штатное	нештат.
01.01.2021	74,02	50,77	23,24	200,766	197,871	2,895	6,0	4,0	4,676	24,00	0,00
02.01.2021	73,98	50,52	23,46	201,365	198,378	2,987	6,0	4,0	4,734	24,00	0,00
03.01.2021	72,70	49,50	23,20	202,587	199,557	3,030	6,0	4,0	4,708	24,00	0,00
04.01.2021	70,12	48,44	21,68	205,906	202,576	3,329	6,0	4,0	4,472	24,00	0,00
05.01.2021	70,96	48,66	22,30	203,705	200,530	3,175	6,0	4,0	4,552	24,00	0,00
06.01.2021	72,63	49,30	23,33	203,882	200,705	3,178	6,0	4,0	4,765	24,00	0,00
07.01.2021	73,66	50,07	23,59	202,799	199,775	3,025	6,0	4,0	4,793	24,00	0,00
08.01.2021	72,16	49,40	22,76	204,233	201,145	3,088	6,0	4,0	4,656	24,00	0,00
09.01.2021	69,81	48,35	21,47	203,351	200,213	3,138	6,0	4,0	4,373	24,00	0,00
10.01.2021	72,62	49,29	23,34	202,669	199,562	3,107	6,0	4,0	4,739	24,00	0,00
11.01.2021	73,59	49,99	23,60	201,176	198,327	2,849	6,0	4,0	4,756	24,00	0,00
12.01.2021	77,36	51,82	25,53	198,815	196,209	2,606	6,0	4,0	5,086	24,00	0,00
13.01.2021	82,70	54,45	28,25	197,872	195,452	2,420	6,0	4,0	5,602	24,00	0,00
14.01.2021	81,88	53,76	28,12	197,499	194,971	2,528	6,0	4,0	5,565	24,00	0,00
15.01.2021	75,41	51,05	24,36	200,533	197,580	2,953	6,0	4,0	4,895	24,00	0,00
16.01.2021	67,85	47,58	20,27	208,107	204,769	3,339	6,0	4,0	4,227	24,00	0,00
17.01.2021	66,18	46,92	19,26	207,237	203,791	3,445	6,0	4,0	4,000	24,00	0,00
18.01.2021	69,71	48,33	21,38	201,215	198,140	3,075	6,0	4,0	4,310	24,00	0,00
19.01.2021	71,75	49,02	22,73	200,250	197,179	3,071	6,0	4,0	4,560	24,00	0,00
20.01.2021	69,96	48,13	21,83	200,711	197,506	3,205	6,0	4,0	4,390	24,00	0,00
21.01.2021	71,79	48,47	23,31	195,447	192,456	2,991	6,0	4,0	4,565	24,00	0,00
22.01.2021	74,54	50,11	24,43	193,486	190,725	2,761	6,0	4,0	4,735	24,00	0,00
23.01.2021	82,71	53,21	29,50	191,134	188,737	2,397	6,0	4,0	5,651	24,00	0,00
24.01.2021	81,14	52,33	28,80	191,154	188,582	2,573	6,0	4,0	5,517	24,00	0,00
25.01.2021	69,89	48,18	21,71	195,076	192,061	3,015	6,0	4,0	4,243	24,00	0,00
26.01.2021	66,55	46,82	19,73	199,212	196,014	3,198	6,0	4,0	3,937	24,00	0,00
27.01.2021	66,38	47,17	19,22	203,581	200,250	3,331	6,0	4,0	3,920	24,00	0,00
28.01.2021	66,48	47,85	18,62	208,775	205,375	3,399	6,0	4,0	3,896	24,00	0,00
29.01.2021	66,18	47,76	18,43	206,667	203,323	3,344	6,0	4,0	3,816	24,00	0,00
30.01.2021	66,30	47,33	18,97	205,578	202,169	3,409	6,0	4,0	3,908	24,00	0,00
31.01.2021	66,41	47,27	19,14	207,470	203,994	3,476	6,0	4,0	3,979	24,00	0,00
01.02.2021	66,56	47,61	18,94	205,873	202,453	3,420	6,0	4,0	3,908	24,00	0,00
02.02.2021	66,03	47,71	18,32	207,758	204,345	3,414	6,0	4,0	3,814	24,00	0,00
03.02.2021	65,96	47,39	18,56	206,585	203,196	3,390	6,0	4,0	3,843	24,00	0,00
04.02.2021	66,20	47,14	19,06	206,323	202,854	3,469	6,0	4,0	3,939	24,00	0,00
05.02.2021	66,17	47,88	18,30	206,594	203,273	3,321	6,0	4,0	3,788	24,00	0,00
06.02.2021	66,39	47,91	18,49	205,664	202,373	3,291	6,0	4,0	3,810	24,00	0,00
07.02.2021	67,00	47,42	19,58	204,613	201,351	3,262	6,0	4,0	4,014	24,00	0,00
08.02.2021	73,26	50,20	23,07	199,744	196,788	2,956	6,0	4,0	4,616	24,00	0,00
09.02.2021	78,85	52,68	26,17	196,871	194,227	2,644	6,0	4,0	5,164	24,00	0,00
10.02.2021	80,93	53,56	27,37	195,836	193,272	2,565	6,0	4,0	5,371	24,00	0,00
11.02.2021	80,54	53,44	27,10	195,022	192,492	2,530	6,0	4,0	5,296	24,00	0,00
12.02.2021	75,80	50,77	25,03	196,283	193,495	2,788	6,0	4,0	4,922	24,00	0,00
13.02.2021	69,98	47,98	21,99	202,159	198,990	3,169	6,0	4,0	4,454	24,00	0,00
14.02.2021	66,38	46,77	19,61	205,656	202,235	3,421	6,0	4,0	4,040	24,00	0,00
15.02.2021	67,52	47,12	20,40	202,689	199,402	3,288	6,0	4,0	4,143	24,00	0,00
16.02.2021	70,83	48,40	22,43	199,905	196,602	3,304	6,0	4,0	4,491	24,00	0,00
17.02.2021	74,90	50,51	24,39	196,734	193,899	2,836	6,0	4,0	4,807	24,00	0,00
18.02.2021	76,22	51,52	24,71	196,002	193,239	2,764	6,0	4,0	4,852	24,00	0,00
19.02.2021	76,13	50,96	25,17	196,500	193,665	2,835	6,0	4,0	4,955	24,00	0,00
20.02.2021	76,17	51,31	24,86	195,868	193,180	2,688	6,0	4,0	4,878	24,00	0,00
21.02.2021	75,82	50,66	25,16	197,689	194,901	2,788	6,0	4,0	4,983	24,00	0,00
22.02.2021	76,25	51,02	25,23	194,704	191,963	2,742	6,0	4,0	4,921	24,00	0,00
23.02.2021	80,67	52,49	28,17	195,923	193,273	2,650	6,0	4,0	5,531	24,00	0,00
24.02.2021	82,14	53,14	29,00	195,688	193,120	2,567	6,0	4,0	5,686	24,00	0,00
25.02.2021	81,11	53,06	28,05	196,200	193,620	2,580	6,0	4,0	5,516	24,00	0,00
26.02.2021	79,62	52,84	26,78	195,385	192,721	2,663	6,0	4,0	5,243	24,00	0,00
27.02.2021	76,56	50,76	25,79	197,411	194,474	2,937	6,0	4,0	5,101	24,00	0,00
28.02.2021	73,68	49,25	24,43	201,046	197,928	3,118	6,0	4,0	4,920	24,00	0,00
01.03.2021	71,85	48,99	22,86	198,922	195,920	3,003	6,0	4,0	4,555	24,00	0,00
02.03.2021	69,36	47,74	21,62	200,989	197,861	3,129	6,0	4,0	4,354	24,00	0,00
03.03.2021	65,84	46,59	19,26	203,643	200,264	3,378	6,0	4,0	3,929	24,00	0,00
04.03.2021	66,39	47,30	19,09	202,893	199,467	3,426	6,0	4,0	3,881	24,00	0,00

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	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _n	штатное	нештат.
05.03.2021	66,14	47,35	18,79	202,280	198,889	3,391	6,0	4,0	3,807	24,00	0,00
06.03.2021	66,38	47,16	19,23	201,519	198,148	3,371	6,0	4,0	3,882	24,00	0,00
07.03.2021	67,58	47,49	20,09	200,917	197,609	3,308	6,0	4,0	4,044	24,00	0,00
08.03.2021	67,23	46,89	20,34	203,908	200,591	3,317	6,0	4,0	4,156	24,00	0,00
09.03.2021	66,35	47,09	19,26	203,568	200,227	3,342	6,0	4,0	3,928	24,00	0,00
10.03.2021	65,96	47,04	18,92	203,308	199,863	3,445	6,0	4,0	3,854	24,00	0,00
11.03.2021	67,48	47,36	20,12	200,355	197,047	3,308	6,0	4,0	4,038	24,00	0,00
12.03.2021	70,13	48,48	21,65	197,908	194,922	2,985	6,0	4,0	4,293	24,00	0,00
13.03.2021	66,33	46,87	19,46	202,312	198,998	3,314	6,0	4,0	3,945	24,00	0,00
14.03.2021	65,94	46,51	19,43	205,174	201,763	3,411	6,0	4,0	3,994	24,00	0,00
15.03.2021	65,30	46,50	18,80	205,574	202,107	3,468	6,0	4,0	3,871	24,00	0,00
16.03.2021	64,96	46,80	18,16	206,070	202,581	3,490	6,0	4,0	3,750	24,00	0,00
17.03.2021	64,55	46,77	17,79	205,458	202,047	3,411	6,0	4,0	3,662	24,00	0,00
18.03.2021	64,75	47,01	17,75	207,323	203,874	3,448	6,0	4,0	3,687	24,00	0,00
19.03.2021	64,75	47,35	17,40	207,543	204,050	3,493	6,0	4,0	3,619	24,00	0,00
20.03.2021	64,38	47,35	17,03	209,225	205,646	3,579	6,0	4,0	3,571	24,00	0,00
21.03.2021	64,60	47,27	17,33	209,026	205,424	3,602	6,0	4,0	3,630	24,00	0,00
22.03.2021	64,47	47,27	17,20	210,361	206,759	3,602	6,0	4,0	3,626	24,00	0,00
23.03.2021	64,66	47,27	17,39	210,651	207,138	3,513	6,0	4,0	3,671	24,00	0,00
24.03.2021	64,84	47,64	17,19	210,958	207,364	3,594	6,0	4,0	3,635	24,00	0,00
25.03.2021	64,41	47,79	16,62	209,162	205,701	3,461	6,0	4,0	3,485	24,00	0,00
26.03.2021	64,56	48,16	16,40	210,751	207,267	3,485	6,0	4,0	3,464	24,00	0,00
27.03.2021	63,79	47,65	16,15	214,862	211,165	3,698	6,0	4,0	3,477	24,00	0,00
28.03.2021	63,97	47,38	16,59	215,000	211,282	3,717	6,0	4,0	3,574	24,00	0,00
29.03.2021	64,45	47,68	16,77	210,358	206,818	3,541	6,0	4,0	3,536	24,00	0,00
30.03.2021	64,74	48,17	16,57	209,362	205,928	3,434	6,0	4,0	3,476	24,00	0,00
31.03.2021	63,75	47,74	16,02	213,662	210,076	3,586	6,0	4,0	3,430	24,00	0,00
01.04.2021	63,57	47,66	15,91	213,392	209,827	3,566	6,0	4,0	3,403	24,00	0,00
02.04.2021	63,08	47,64	15,44	216,862	213,084	3,778	6,0	4,0	3,355	24,00	0,00
03.04.2021	62,83	48,03	14,79	218,399	214,535	3,864	6,0	4,0	3,239	24,00	0,00
04.04.2021	63,15	47,39	15,77	218,036	214,256	3,780	6,0	4,0	3,446	24,00	0,00
05.04.2021	63,07	47,36	15,70	220,299	216,439	3,860	6,0	4,0	3,468	24,00	0,00
06.04.2021	62,81	47,62	15,19	219,616	215,725	3,891	6,0	4,0	3,344	24,00	0,00
07.04.2021	62,64	47,24	15,39	220,933	216,925	4,008	6,0	4,0	3,408	24,00	0,00
08.04.2021	63,24	47,63	15,61	217,937	214,110	3,827	6,0	4,0	3,411	24,00	0,00
09.04.2021	62,74	47,39	15,35	220,791	216,953	3,838	6,0	4,0	3,396	24,00	0,00
10.04.2021	62,03	47,84	14,19	229,264	225,156	4,108	6,0	4,0	3,261	24,00	0,00
11.04.2021	61,91	48,02	13,89	230,541	226,457	4,084	6,0	4,0	3,210	24,00	0,00
12.04.2021	61,52	48,19	13,33	232,111	227,870	4,241	6,0	4,0	3,103	24,00	0,00
13.04.2021	61,30	48,03	13,27	236,570	232,301	4,269	6,0	4,0	3,148	24,00	0,00
14.04.2021	61,35	49,35	12,00	248,889	244,543	4,346	6,0	4,0	2,997	24,00	0,00
15.04.2021	61,23	49,04	12,19	243,029	238,740	4,289	6,0	4,0	2,971	24,00	0,00
16.04.2021	61,66	48,24	13,41	229,514	225,285	4,229	6,0	4,0	3,087	24,00	0,00
17.04.2021	60,75	46,81	13,94	216,791	212,781	4,010	6,0	4,0	3,030	24,00	0,00
18.04.2021	60,82	46,38	14,44	216,799	212,785	4,013	6,0	4,0	3,139	24,00	0,00
19.04.2021	59,55	45,39	14,16	137,511	134,900	2,611	6,0	4,0	1,952	14,65	9,35
20.04.2021	60,76	46,20	14,57	180,202	176,919	3,283	6,0	4,0	2,631	24,00	0,00
21.04.2021	60,40	42,84	17,56	134,651	132,111	2,540	6,0	4,0	2,369	24,00	0,00
22.04.2021	60,36	42,83	17,54	133,325	130,828	2,497	6,0	4,0	2,342	24,00	0,00
23.04.2021	60,80	43,63	17,17	134,063	131,599	2,464	6,0	4,0	2,306	24,00	0,00
24.04.2021	60,12	42,96	17,16	133,255	130,732	2,523	6,0	4,0	2,291	24,00	0,00
25.04.2021	60,38	42,45	17,93	133,936	131,443	2,493	6,0	4,0	2,406	24,00	0,00
26.04.2021	59,95	42,61	17,34	131,106	128,620	2,486	6,0	4,0	2,278	24,00	0,00
27.04.2021	60,50	44,57	15,93	147,120	144,380	2,739	6,0	4,0	2,349	24,00	0,00
28.04.2021	60,31	43,82	16,49	149,324	146,573	2,750	6,0	4,0	2,467	24,00	0,00
29.04.2021	60,38	42,92	17,46	134,139	131,631	2,508	6,0	4,0	2,346	24,00	0,00
30.04.2021	59,74	42,67	17,07	133,267	130,721	2,546	6,0	4,0	2,279	24,00	0,00
01.05.2021	59,27	42,64	16,63	137,162	134,553	2,609	6,0	4,0	2,285	24,00	0,00
02.05.2021	60,05	43,76	16,29	139,126	136,472	2,654	6,0	4,0	2,271	24,00	0,00
03.05.2021	59,30	42,57	16,73	138,722	136,091	2,631	6,0	4,0	2,325	24,00	0,00
04.05.2021	60,04	43,67	16,37	140,764	138,110	2,655	6,0	4,0	2,309	24,00	0,00
05.05.2021	60,21	45,50	14,71	151,672	148,841	2,831	6,0	4,0	2,236	24,00	0,00
06.05.2021	60,11	46,22	13,89	174,708	171,506	3,202	6,0	4,0	2,432	24,00	0,00
07.05.2021	60,00	46,40	13,59	174,235	171,025	3,210	6,0	4,0	2,375	24,00	0,00
08.05.2021	60,12	46,88	13,23	175,232	171,955	3,278	6,0	4,0	2,325	24,00	0,00
09.05.2021	59,96	46,99	12,98	176,413	173,096	3,317	6,0	4,0	2,295	24,00	0,00
10.05.2021	59,37	47,22	12,15	188,525	185,060	3,465	6,0	4,0	2,298	24,00	0,00
11.05.2021	58,00	50,19	7,81	170,703	167,686	3,017	6,0	4,0	1,339	24,00	0,00
12.05.2021	61,31	55,12	6,20	78,698	77,799	0,899	6,0	4,0	0,491	24,00	0,00
13.05.2021	62,52	55,06	7,46	61,347	60,751	0,596	6,0	4,0	0,460	24,00	0,00
14.05.2021	60,80	55,74	5,06	93,073	91,730	1,343	6,0	4,0	0,475	24,00	0,00
15.05.2021	63,34	54,21	9,13	49,710	49,279	0,431	6,0	4,0	0,456	24,00	0,00
16.05.2021	64,25	48,89	15,36	36,098	35,980	0,118	6,0	4,0	0,556	24,00	0,00
17.05.2021	64,17	52,61	11,56	40,701	40,460	0,241	6,0	4,0	0,472	24,00	0,00

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18.05.2021	64,77	52,58	12,19	39,133	38,908	0,225	6,0	4,0	0,478	23,88	0,12
19.05.2021	64,84	51,83	13,01	37,000	36,784	0,216	6,0	4,0	0,482	24,00	0,00
20.05.2021	64,68	51,33	13,35	33,944	33,790	0,155	6,0	4,0	0,455	24,00	0,00
21.05.2021	64,44	50,00	14,45	29,443	29,347	0,097	6,0	4,0	0,426	23,95	0,05
22.05.2021	65,22	49,07	16,15	28,889	28,810	0,079	6,0	4,0	0,467	24,00	0,00
23.05.2021	65,62	48,83	16,80	28,196	28,112	0,083	6,0	4,0	0,475	24,00	0,00
24.05.2021	65,60	52,12	13,48	35,066	34,887	0,179	6,0	4,0	0,474	24,00	0,00
25.05.2021	63,30	55,46	7,84	55,318	54,745	0,573	6,0	4,0	0,436	24,00	0,00
26.05.2021	63,66	53,69	9,97	47,897	47,523	0,374	6,0	4,0	0,479	24,00	0,00
27.05.2021	65,50	54,35	11,15	39,227	38,945	0,282	6,0	4,0	0,439	24,00	0,00
28.05.2021	63,15	55,77	7,38	60,673	59,957	0,717	6,0	4,0	0,450	24,00	0,00
29.05.2021	63,54	54,38	9,16	41,605	41,321	0,283	6,0	4,0	0,383	23,90	0,10
30.05.2021	64,85	49,72	15,13	29,809	29,714	0,095	6,0	4,0	0,452	23,97	0,03
31.05.2021	62,44	55,80	6,64	65,434	64,620	0,814	6,0	4,0	0,437	24,00	0,00
01.06.2021	62,82	53,77	9,05	60,154	59,597	0,557	6,0	4,0	0,547	24,00	0,00
02.06.2021	61,43	56,75	4,68	84,668	83,419	1,248	6,0	4,0	0,399	21,72	2,28
03.06.2021	62,65	54,87	7,78	56,301	55,765	0,535	6,0	4,0	0,440	24,00	0,00
04.06.2021	65,04	53,88	11,16	45,243	44,888	0,355	6,0	4,0	0,506	23,32	0,68
05.06.2021	63,88	54,80	9,08	48,583	48,150	0,434	6,0	4,0	0,443	23,27	0,73
06.06.2021	62,51	54,77	7,75	60,453	59,819	0,634	6,0	4,0	0,471	24,00	0,00
07.06.2021	64,51	53,68	10,83	38,506	38,270	0,236	6,0	4,0	0,418	23,68	0,32
08.06.2021	62,74	55,53	7,21	63,812	62,696	1,116	6,0	4,0	0,463	23,73	0,27
09.06.2021	63,19	54,42	8,76	55,318	54,800	0,517	6,0	4,0	0,487	23,97	0,03
10.06.2021	65,25	52,70	12,55	36,589	36,643	-0,054	6,0	4,0	0,460	21,83	2,17
11.06.2021	64,15	53,84	10,31	48,031	47,826	0,205	6,0	4,0	0,497	23,98	0,02
12.06.2021	64,53	53,39	11,14	41,875	41,885	-0,009	6,0	4,0	0,468	23,88	0,12
13.06.2021	66,16	48,59	17,57	32,699	32,844	-0,145	6,0	4,0	0,576	24,00	0,00
14.06.2021	63,19	53,83	9,35	53,973	53,536	0,438	6,0	4,0	0,507	24,00	0,00
15.06.2021	62,60	56,44	6,16	72,506	71,561	0,946	6,0	4,0	0,449	24,00	0,00
16.06.2021	64,49	51,72	12,77	39,465	39,360	0,105	6,0	4,0	0,505	23,82	0,18
17.06.2021	62,53	55,43	7,10	64,392	63,633	0,759	6,0	4,0	0,460	23,28	0,72
18.06.2021	63,59	54,59	8,99	49,305	48,903	0,402	6,0	4,0	0,445	24,00	0,00
19.06.2021	65,55	51,63	13,92	34,672	34,776	-0,104	6,0	4,0	0,484	24,00	0,00
20.06.2021	64,27	51,24	13,02	42,696	42,635	0,061	6,0	4,0	0,558	23,98	0,02
21.06.2021	61,23	56,52	4,70	105,089	102,127	2,963	6,0	4,0	0,498	23,77	0,23
22.06.2021	59,62	55,96	3,67	129,858	127,669	2,189	6,0	4,0	0,481	24,00	0,00
23.06.2021	62,67	55,31	7,36	57,095	56,594	0,501	6,0	4,0	0,422	24,00	0,00
24.06.2021	66,02	52,94	13,07	33,475	33,695	-0,220	6,0	4,0	0,439	24,00	0,00
25.06.2021	63,76	54,17	9,59	41,785	41,696	0,089	6,0	4,0	0,402	24,00	0,00
26.06.2021	65,00	51,85	13,16	31,427	31,682	-0,255	6,0	4,0	0,415	24,00	0,00
27.06.2021	63,18	50,64	12,54	40,280	40,153	0,127	6,0	4,0	0,507	24,00	0,00
28.06.2021	63,06	54,48	8,58	50,451	50,073	0,378	6,0	4,0	0,435	23,98	0,02
29.06.2021	65,22	52,04	13,17	31,162	31,459	-0,297	6,0	4,0	0,412	23,98	0,02
30.06.2021	63,66	51,89	11,76	38,815	38,832	-0,017	6,0	4,0	0,458	24,00	0,00
01.07.2021	62,85	54,82	8,03	58,172	57,654	0,518	6,0	4,0	0,469	24,00	0,00
02.07.2021	60,60	57,28	3,32	126,330	124,287	2,043	6,0	4,0	0,425	24,00	0,00
03.07.2021	64,93	52,30	12,63	37,682	37,660	0,022	6,0	4,0	0,477	24,00	0,00
04.07.2021	64,72	52,47	12,25	37,733	37,614	0,119	6,0	4,0	0,464	23,98	0,02
05.07.2021	64,61	51,38	13,22	27,622	27,677	-0,055	6,0	4,0	0,366	22,57	1,43
06.07.2021	63,49	53,81	9,68	50,475	50,036	0,439	6,0	4,0	0,490	24,00	0,00
07.07.2021	65,03	48,16	16,87	31,493	31,642	-0,149	6,0	4,0	0,532	24,00	0,00
08.07.2021	63,45	53,84	9,61	45,419	45,169	0,250	6,0	4,0	0,438	23,97	0,03
09.07.2021	64,62	54,83	9,80	40,445	40,403	0,042	6,0	4,0	0,398	23,98	0,02
10.07.2021	62,84	52,87	9,97	45,612	45,321	0,291	6,0	4,0	0,457	24,00	0,00
11.07.2021	65,41	50,12	15,29	32,506	32,607	-0,101	6,0	4,0	0,498	24,00	0,00
12.07.2021	60,66	54,33	6,33	73,605	72,736	0,870	6,0	4,0	0,469	24,00	0,00
13.07.2021	53,93	52,25	1,68	44,077	43,311	0,765	6,0	4,0	0,076	8,42	15,58
14.07.2021	17,95	18,64	-0,68	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
15.07.2021	18,32	17,98	0,35	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
16.07.2021	18,00	17,71	0,29	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
17.07.2021	17,98	17,76	0,22	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
18.07.2021	17,87	17,65	0,22	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
19.07.2021	17,87	17,66	0,22	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
20.07.2021	17,81	17,60	0,21	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
21.07.2021	17,93	17,70	0,23	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
22.07.2021	17,92	17,71	0,22	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
23.07.2021	17,91	17,72	0,20	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
24.07.2021	17,57	17,34	0,23	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
25.07.2021	17,39	17,17	0,22	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
26.07.2021	18,96	18,53	0,43	42,012	41,112	0,900	6,0	4,0	0,020	7,35	16,65
27.07.2021	26,15	24,63	1,52	154,668	151,388	3,280	6,0	4,0	0,241	24,00	0,00
28.07.2021	58,85	53,44	5,41	92,882	91,616	1,265	6,0	4,0	0,506	24,00	0,00
29.07.2021	62,87	53,49	9,37	48,315	47,945	0,370	6,0	4,0	0,455	24,00	0,00
30.07.2021	61,27	55,76	5,50	70,370	69,349	1,021	6,0	4,0	0,390	23,87	0,13

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 _n	штатное	нештат.
31.07.2021	63,17	53,94	9,23	48,032	47,562	0,470	6,0	4,0	0,445	24,00	0,00
01.08.2021	62,71	51,49	11,22	43,332	42,966	0,366	6,0	4,0	0,488	24,00	0,00
02.08.2021	64,15	53,48	10,68	39,359	39,057	0,302	6,0	4,0	0,422	23,77	0,23
03.08.2021	62,63	53,36	9,27	46,669	46,211	0,458	6,0	4,0	0,434	24,00	0,00
04.08.2021	64,39	51,32	13,07	31,360	31,194	0,166	6,0	4,0	0,411	24,00	0,00
05.08.2021	62,48	54,30	8,19	52,482	51,931	0,552	6,0	4,0	0,432	23,98	0,02
06.08.2021	62,47	54,07	8,40	54,019	53,445	0,575	6,0	4,0	0,456	24,00	0,00
07.08.2021	64,25	50,90	13,35	34,294	34,069	0,225	6,0	4,0	0,459	24,00	0,00
08.08.2021	62,13	53,53	8,60	59,346	58,571	0,775	6,0	4,0	0,512	24,00	0,00
09.08.2021	62,09	55,74	6,35	70,572	69,706	0,865	6,0	4,0	0,451	24,00	0,00
10.08.2021	64,38	53,03	11,35	34,073	33,838	0,235	6,0	4,0	0,388	24,00	0,00
11.08.2021	63,23	52,07	11,16	39,869	39,570	0,299	6,0	4,0	0,446	24,00	0,00
12.08.2021	62,18	54,75	7,43	58,837	58,134	0,703	6,0	4,0	0,440	24,00	0,00
13.08.2021	63,59	54,30	9,29	42,689	42,309	0,380	6,0	4,0	0,398	24,00	0,00
14.08.2021	63,49	51,67	11,82	38,888	38,609	0,279	6,0	4,0	0,461	24,00	0,00
15.08.2021	64,63	51,47	13,15	38,512	38,240	0,272	6,0	4,0	0,508	24,00	0,00
16.08.2021	59,02	54,71	4,31	111,853	109,984	1,869	6,0	4,0	0,487	24,00	0,00
17.08.2021	57,70	54,30	3,40	75,883	74,593	1,289	6,0	4,0	0,261	16,00	8,00
18.08.2021	57,85	53,92	3,93	107,910	106,076	1,835	6,0	4,0	0,428	22,08	1,92
19.08.2021	62,82	53,64	9,18	49,912	49,402	0,510	6,0	4,0	0,460	23,97	0,03
20.08.2021	64,54	50,19	14,35	31,154	30,963	0,191	6,0	4,0	0,448	24,00	0,00
21.08.2021	64,57	48,29	16,28	23,597	23,509	0,088	6,0	4,0	0,385	24,00	0,00
22.08.2021	65,38	47,97	17,42	24,129	24,035	0,094	6,0	4,0	0,421	24,00	0,00
23.08.2021	65,94	50,28	15,66	27,415	27,258	0,157	6,0	4,0	0,430	24,00	0,00
24.08.2021	65,71	49,64	16,07	23,391	23,276	0,115	6,0	4,0	0,377	24,00	0,00
25.08.2021	63,31	51,64	11,67	33,990	33,723	0,267	6,0	4,0	0,398	24,00	0,00
26.08.2021	63,31	52,70	10,62	41,548	41,205	0,343	6,0	4,0	0,443	24,00	0,00
27.08.2021	62,88	54,43	8,45	50,909	50,352	0,557	6,0	4,0	0,432	24,00	0,00
28.08.2021	63,24	54,27	8,97	48,176	47,734	0,441	6,0	4,0	0,434	24,00	0,00
29.08.2021	63,94	50,21	13,73	35,417	35,197	0,220	6,0	4,0	0,488	24,00	0,00
30.08.2021	63,79	52,31	11,48	40,563	40,224	0,339	6,0	4,0	0,467	24,00	0,00
31.08.2021	63,86	52,31	11,55	48,073	47,635	0,438	6,0	4,0	0,557	24,00	0,00
01.09.2021	63,20	53,61	9,59	52,428	51,961	0,467	6,0	4,0	0,505	24,00	0,00
02.09.2021	63,16	54,21	8,95	48,344	47,895	0,449	6,0	4,0	0,435	24,00	0,00
03.09.2021	63,43	53,07	10,37	42,018	41,691	0,327	6,0	4,0	0,437	24,00	0,00
04.09.2021	63,60	54,01	9,60	44,513	44,150	0,364	6,0	4,0	0,429	24,00	0,00
05.09.2021	63,09	51,95	11,14	53,355	52,859	0,496	6,0	4,0	0,596	24,00	0,00
06.09.2021	62,15	54,75	7,40	62,203	61,627	0,577	6,0	4,0	0,463	24,00	0,00
07.09.2021	63,04	54,57	8,47	54,641	54,140	0,501	6,0	4,0	0,465	24,00	0,00
08.09.2021	62,62	56,11	6,50	71,734	70,845	0,889	6,0	4,0	0,469	24,00	0,00
09.09.2021	61,86	54,34	7,52	69,784	68,989	0,795	6,0	4,0	0,527	24,00	0,00
10.09.2021	60,92	55,28	5,63	95,990	94,525	1,465	6,0	4,0	0,544	24,00	0,00
11.09.2021	60,04	54,46	5,58	99,615	97,993	1,622	6,0	4,0	0,560	24,00	0,00
12.09.2021	59,15	53,09	6,05	100,357	98,703	1,654	6,0	4,0	0,611	24,00	0,00
13.09.2021	59,24	54,73	4,51	106,522	104,771	1,752	6,0	4,0	0,485	24,00	0,00
14.09.2021	57,80	52,85	4,95	95,207	93,703	1,505	6,0	4,0	0,475	24,00	0,00
15.09.2021	61,62	47,73	13,89	96,088	94,757	1,331	6,0	4,0	1,338	23,50	0,50
16.09.2021	60,16	41,83	18,33	140,501	138,289	2,211	6,0	4,0	2,580	24,00	0,00
17.09.2021	59,75	38,64	21,11	115,009	113,173	1,837	6,0	4,0	2,431	24,00	0,00
18.09.2021	63,15	39,01	24,13	110,356	108,607	1,750	6,0	4,0	2,666	24,00	0,00
19.09.2021	63,11	38,18	24,93	113,414	111,625	1,788	6,0	4,0	2,831	24,00	0,00
20.09.2021	62,62	38,38	24,24	111,650	109,858	1,792	6,0	4,0	2,709	24,00	0,00
21.09.2021	59,48	39,09	20,39	118,121	116,246	1,875	6,0	4,0	2,412	24,00	0,00
22.09.2021	58,91	38,15	20,76	117,177	115,304	1,873	6,0	4,0	2,436	24,00	0,00
23.09.2021	59,08	38,42	20,66	115,248	113,380	1,867	6,0	4,0	2,384	24,00	0,00
24.09.2021	58,78	38,28	20,51	115,161	113,292	1,870	6,0	4,0	2,364	24,00	0,00
25.09.2021	59,16	38,44	20,72	115,310	113,475	1,835	6,0	4,0	2,392	24,00	0,00
26.09.2021	58,85	38,31	20,53	113,829	111,978	1,851	6,0	4,0	2,340	24,00	0,00
27.09.2021	59,05	37,92	21,13	115,795	112,313	3,481	6,0	4,0	2,449	23,92	0,08
28.09.2021	61,10	41,08	20,02	132,449	130,269	2,180	6,0	4,0	2,656	24,00	0,00
29.09.2021	58,94	41,47	17,47	122,133	120,087	2,046	6,0	4,0	2,138	24,00	0,00
30.09.2021	57,97	39,95	18,02	111,106	109,286	1,820	6,0	4,0	2,005	24,00	0,00
01.10.2021	58,65	39,54	19,10	130,210	127,898	2,312	6,0	4,0	2,491	24,00	0,00
02.10.2021	58,69	39,57	19,12	140,715	138,150	2,565	6,0	4,0	2,694	24,00	0,00
03.10.2021	58,86	39,36	19,50	141,890	139,294	2,596	6,0	4,0	2,771	24,00	0,00
04.10.2021	59,17	39,96	19,21	145,096	142,451	2,645	6,0	4,0	2,792	24,00	0,00
05.10.2021	59,75	40,44	19,31	148,298	145,538	2,760	6,0	4,0	2,869	24,00	0,00
06.10.2021	59,57	40,71	18,86	149,190	146,367	2,823	6,0	4,0	2,818	24,00	0,00
07.10.2021	59,49	41,18	18,31	148,425	145,664	2,761	6,0	4,0	2,722	24,00	0,00
08.10.2021	58,93	40,87	18,06	148,326	145,579	2,747	6,0	4,0	2,684	24,00	0,00
09.10.2021	58,98	41,06	17,92	147,504	144,758	2,746	6,0	4,0	2,648	24,00	0,00
10.10.2021	58,79	40,10	18,69	147,464	144,702	2,762	6,0	4,0	2,761	24,00	0,00
11.10.2021	59,37	40,78	18,60	147,100	144,386	2,714	6,0	4,0	2,740	24,00	0,00
12.10.2021	59,17	41,31	17,86	148,235	145,484	2,751	6,0	4,0	2,652	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 _n	штатное	нештат.
13.10.2021	58,88	40,90	17,98	147,113	144,368	2,746	6,0	4,0	2,650	24,00	0,00
14.10.2021	58,59	40,81	17,78	146,403	143,674	2,728	6,0	4,0	2,608	24,00	0,00
15.10.2021	58,94	41,12	17,82	146,552	143,822	2,731	6,0	4,0	2,616	24,00	0,00
16.10.2021	58,84	41,10	17,74	146,334	143,604	2,730	6,0	4,0	2,600	24,00	0,00
17.10.2021	58,75	40,68	18,07	146,392	143,619	2,773	6,0	4,0	2,649	24,00	0,00
18.10.2021	58,85	40,99	17,86	146,641	143,918	2,723	6,0	4,0	2,624	24,00	0,00
19.10.2021	58,91	41,12	17,79	145,558	142,819	2,739	6,0	4,0	2,594	24,00	0,00
20.10.2021	58,98	41,17	17,81	149,241	146,408	2,833	6,0	4,0	2,663	24,00	0,00
21.10.2021	58,94	40,66	18,29	147,419	144,640	2,780	6,0	4,0	2,700	24,00	0,00
22.10.2021	59,65	40,88	18,77	145,349	142,631	2,719	6,0	4,0	2,733	24,00	0,00
23.10.2021	58,90	40,55	18,35	143,868	141,181	2,688	6,0	4,0	2,644	24,00	0,00
24.10.2021	59,09	40,77	18,32	144,310	141,616	2,693	6,0	4,0	2,649	24,00	0,00
25.10.2021	59,76	41,15	18,61	144,523	141,846	2,677	6,0	4,0	2,694	24,00	0,00
26.10.2021	59,74	40,28	19,46	143,677	140,986	2,691	6,0	4,0	2,800	24,00	0,00
27.10.2021	59,56	40,08	19,48	144,809	142,077	2,733	6,0	4,0	2,825	24,00	0,00
28.10.2021	59,78	41,13	18,65	149,666	146,901	2,765	6,0	4,0	2,796	24,00	0,00
29.10.2021	59,69	40,82	18,87	149,459	146,691	2,768	6,0	4,0	2,824	24,00	0,00
30.10.2021	60,27	40,69	19,58	153,103	150,300	2,803	6,0	4,0	3,002	24,00	0,00
31.10.2021	59,77	40,76	19,01	154,627	151,787	2,840	6,0	4,0	2,944	24,00	0,00
01.11.2021	60,33	41,58	18,75	155,247	152,124	3,123	6,0	4,0	2,916	24,00	0,00
02.11.2021	61,91	41,48	20,43	154,163	151,387	2,776	6,0	4,0	3,155	24,00	0,00
03.11.2021	62,39	41,48	20,92	154,980	152,199	2,780	6,0	4,0	3,247	24,00	0,00
04.11.2021	61,63	41,53	20,10	158,125	155,236	2,889	6,0	4,0	3,183	24,00	0,00
05.11.2021	60,91	41,15	19,76	157,248	154,409	2,839	6,0	4,0	3,112	24,00	0,00
06.11.2021	61,13	41,33	19,80	154,768	152,006	2,762	6,0	4,0	3,069	24,00	0,00
07.11.2021	61,31	41,63	19,67	154,047	151,306	2,740	6,0	4,0	3,035	24,00	0,00
08.11.2021	61,36	41,87	19,50	155,411	152,611	2,801	6,0	4,0	3,035	24,00	0,00
09.11.2021	61,75	42,43	19,32	155,133	152,392	2,741	6,0	4,0	3,001	24,00	0,00
10.11.2021	61,27	41,76	19,51	154,312	151,519	2,793	6,0	4,0	3,015	24,00	0,00
11.11.2021	62,39	42,05	20,33	153,667	150,846	2,820	6,0	4,0	3,129	24,00	0,00
12.11.2021	61,24	41,55	19,69	153,712	150,958	2,754	6,0	4,0	3,031	24,00	0,00
13.11.2021	61,03	41,35	19,68	152,768	150,018	2,750	6,0	4,0	3,011	24,00	0,00
14.11.2021	61,85	41,36	20,49	152,177	149,458	2,718	6,0	4,0	3,123	24,00	0,00
15.11.2021	65,24	41,99	23,25	147,689	145,164	2,525	6,0	4,0	3,438	24,00	0,00
16.11.2021	64,33	41,46	22,87	147,437	144,841	2,596	6,0	4,0	3,376	24,00	0,00
17.11.2021	64,54	42,21	22,34	152,010	149,302	2,708	6,0	4,0	3,400	24,00	0,00
18.11.2021	67,83	44,36	23,46	163,882	161,254	2,628	6,0	4,0	3,851	24,00	0,00
19.11.2021	64,06	44,25	19,81	177,123	174,018	3,105	6,0	4,0	3,514	24,00	0,00
20.11.2021	61,73	43,70	18,03	183,837	180,529	3,308	6,0	4,0	3,320	24,00	0,00
21.11.2021	61,67	43,60	18,07	183,309	179,934	3,375	6,0	4,0	3,318	24,00	0,00
22.11.2021	62,60	44,27	18,33	182,047	178,803	3,244	6,0	4,0	3,343	24,00	0,00
23.11.2021	62,45	44,40	18,05	180,674	177,459	3,215	6,0	4,0	3,267	24,00	0,00
24.11.2021	64,33	44,45	19,88	174,680	171,648	3,032	6,0	4,0	3,478	24,00	0,00
25.11.2021	68,24	45,62	22,63	166,556	163,978	2,578	6,0	4,0	3,775	24,00	0,00
26.11.2021	67,80	45,43	22,37	166,937	164,318	2,618	6,0	4,0	3,740	24,00	0,00
27.11.2021	63,62	44,26	19,36	175,788	172,673	3,116	6,0	4,0	3,409	24,00	0,00
28.11.2021	63,76	44,26	19,50	176,727	173,702	3,025	6,0	4,0	3,452	24,00	0,00
29.11.2021	64,08	44,89	19,19	173,278	170,347	2,931	6,0	4,0	3,332	24,00	0,00
30.11.2021	64,55	45,37	19,18	173,551	170,645	2,907	6,0	4,0	3,335	24,00	0,00
01.12.2021	64,32	45,52	18,80	174,738	171,816	2,923	6,0	4,0	3,291	24,00	0,00
02.12.2021	64,62	45,67	18,95	175,194	172,274	2,920	6,0	4,0	3,326	24,00	0,00
03.12.2021	64,45	45,27	19,18	173,120	170,226	2,894	6,0	4,0	3,327	24,00	0,00
04.12.2021	64,16	45,11	19,05	173,824	170,893	2,931	6,0	4,0	3,318	24,00	0,00
05.12.2021	64,47	45,18	19,28	175,243	172,307	2,936	6,0	4,0	3,386	24,00	0,00
06.12.2021	65,48	45,31	20,17	171,560	168,727	2,833	6,0	4,0	3,467	24,00	0,00
07.12.2021	69,41	46,04	23,37	164,254	161,793	2,461	6,0	4,0	3,845	24,00	0,00
08.12.2021	68,75	45,23	23,53	165,540	163,016	2,524	6,0	4,0	3,901	24,00	0,00
09.12.2021	67,33	45,40	21,93	168,543	165,904	2,639	6,0	4,0	3,702	24,00	0,00
10.12.2021	67,21	45,37	21,83	167,999	165,298	2,701	6,0	4,0	3,674	24,00	0,00
11.12.2021	66,77	44,75	22,02	168,724	165,929	2,795	6,0	4,0	3,722	24,00	0,00
12.12.2021	67,19	44,50	22,69	167,623	164,912	2,711	6,0	4,0	3,810	24,00	0,00
13.12.2021	65,68	44,25	21,43	170,863	167,987	2,876	6,0	4,0	3,667	24,00	0,00
14.12.2021	68,88	46,28	22,60	169,938	167,316	2,622	6,0	4,0	3,847	24,00	0,00
15.12.2021	65,99	45,20	20,79	172,208	169,410	2,798	6,0	4,0	3,585	24,00	0,00
16.12.2021	67,07	45,80	21,26	173,127	170,316	2,811	6,0	4,0	3,688	24,00	0,00
17.12.2021	66,76	45,96	20,80	169,628	166,937	2,691	6,0	4,0	3,534	24,00	0,00
18.12.2021	67,12	45,94	21,18	169,059	166,428	2,631	6,0	4,0	3,587	24,00	0,00
19.12.2021	67,28	45,77	21,51	169,750	167,065	2,685	6,0	4,0	3,658	24,00	0,00
20.12.2021	67,70	46,02	21,68	168,228	165,612	2,616	6,0	4,0	3,654	24,00	0,00
21.12.2021	67,28	45,84	21,43	170,553	167,877	2,676	6,0	4,0	3,662	24,00	0,00
22.12.2021	68,13	46,52	21,61	168,597	165,977	2,620	6,0	4,0	3,650	24,00	0,00
23.12.2021	68,23	45,90	22,33	168,267	165,666	2,601	6,0	4,0	3,764	24,00	0,00
24.12.2021	70,30	46,40	23,90	168,599	166,071	2,528	6,0	4,0	4,035	24,00	0,00
25.12.2021	71,22	46,40	24,83	167,878	165,366	2,512	6,0	4,0	4,174	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.
26.12.2021	71,15	46,16	24,98	167,906	165,332	2,574	6,0	4,0	4,201	24,00	0,00
27.12.2021	70,11	46,20	23,91	166,771	164,180	2,591	6,0	4,0	3,994	24,00	0,00
28.12.2021	70,89	46,33	24,57	167,108	164,577	2,531	6,0	4,0	4,112	24,00	0,00
29.12.2021	70,40	45,51	24,89	166,691	164,128	2,563	6,0	4,0	4,155	24,00	0,00
30.12.2021	71,12	45,54	25,58	169,904	167,233	2,672	6,0	4,0	4,353	24,00	0,00
31.12.2021	70,81	45,60	25,21	171,689	168,985	2,704	6,0	4,0	4,335	24,00	0,00
Итого	62,88	46,84	16,04	48368,548	47600,823	767,725	6,00	4,00	890,532	8409,90	350,10



Место для записи представителя PCO



Ответственный за учет тепловой энергии:

Представитель обслуживающей организации:
