

**Ведомость учета отпуска тепловой энергии за период
с 01.01.2021 по 31.12.2021**Потребитель: **ООО УК «Коммунальник» 624260, г.Асбест, Свердловской обл., ул.
Королева,14**Объект: **пер. Пушкина, д. 23**

Система отопления: двухтрубная зависимая	Эльф-01	22883308	07.06.2020
Расчетная формула тепловой энергии: $Q = G^{\Delta} \times (T^1 - T^2) / 1000$, Гкал	ПРЭМ	169856	10.06.2020
$G_{\max} = 6,20$ тн/час	ПРЭМ	169269	10.06.2020
$G_{\text{от}} = 2,00$ тн/час	КТСП-Н	9970	08.06.2020
$G_{\text{ГВС}} = 4,20$ тн/час			

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.
01.01.2021	73,84	56,34	17,50	76,183	76,809	-0,626	6,0	4,0	1,334	19,88	4,12
02.01.2021	73,57	55,94	17,63	79,638	80,263	-0,625	6,0	4,0	1,404	20,45	3,55
03.01.2021	67,71	54,75	12,96	105,691	106,509	-0,818	6,0	4,0	1,370	21,20	2,80
04.01.2021	67,72	55,34	12,38	114,960	115,820	-0,860	6,0	4,0	1,424	23,83	0,17
05.01.2021	69,89	56,21	13,69	102,878	103,678	-0,800	6,0	4,0	1,408	23,38	0,62
06.01.2021	71,64	56,21	15,43	89,381	90,081	-0,700	6,0	4,0	1,379	21,85	2,15
07.01.2021	71,91	56,27	15,64	93,126	93,849	-0,724	6,0	4,0	1,457	22,23	1,77
08.01.2021	71,71	55,46	16,25	85,841	86,512	-0,671	6,0	4,0	1,395	22,13	1,87
09.01.2021	68,99	55,01	13,98	100,833	101,588	-0,755	6,0	4,0	1,410	23,65	0,35
10.01.2021	71,95	56,15	15,80	93,710	94,431	-0,722	6,0	4,0	1,481	21,68	2,32
11.01.2021	73,18	56,18	17,00	81,853	82,508	-0,654	6,0	4,0	1,392	20,78	3,22
12.01.2021	75,61	55,70	19,92	69,781	70,348	-0,567	6,0	4,0	1,391	19,70	4,30
13.01.2021	79,71	54,14	25,57	53,781	54,242	-0,460	6,0	4,0	1,376	17,35	6,65
14.01.2021	78,34	54,63	23,71	60,034	60,510	-0,476	6,0	4,0	1,424	19,12	4,88
15.01.2021	73,07	55,27	17,80	79,830	80,443	-0,613	6,0	4,0	1,422	20,17	3,83
16.01.2021	68,21	54,45	13,76	98,117	98,862	-0,744	6,0	4,0	1,350	23,80	0,20
17.01.2021	66,01	54,49	11,52	120,360	121,253	-0,893	6,0	4,0	1,386	24,00	0,00
18.01.2021	69,00	56,03	12,97	103,531	104,333	-0,802	6,0	4,0	1,343	23,78	0,22
19.01.2021	71,45	56,12	15,33	94,500	95,224	-0,724	6,0	4,0	1,449	23,22	0,78
20.01.2021	69,41	55,71	13,70	101,525	102,304	-0,779	6,0	4,0	1,391	23,12	0,88
21.01.2021	72,08	56,07	16,01	86,347	87,035	-0,688	6,0	4,0	1,383	22,38	1,62
22.01.2021	74,12	56,11	18,01	76,223	76,852	-0,629	6,0	4,0	1,373	20,25	3,75
23.01.2021	79,44	54,34	25,10	55,273	55,738	-0,465	6,0	4,0	1,388	17,95	6,05
24.01.2021	78,67	54,28	24,39	60,634	61,115	-0,480	6,0	4,0	1,479	18,47	5,53
25.01.2021	69,41	54,38	15,03	92,089	92,803	-0,714	6,0	4,0	1,384	21,70	2,30
26.01.2021	66,20	52,18	14,02	88,641	89,305	-0,664	6,0	4,0	1,243	24,00	0,00
27.01.2021	65,90	53,21	12,69	100,538	101,292	-0,754	6,0	4,0	1,275	23,97	0,03
28.01.2021	66,69	52,58	14,10	87,764	88,427	-0,662	6,0	4,0	1,238	24,00	0,00
29.01.2021	65,87	53,20	12,67	98,608	99,364	-0,755	6,0	4,0	1,249	24,00	0,00
30.01.2021	66,32	55,09	11,23	117,082	117,996	-0,914	6,0	4,0	1,315	23,98	0,02
31.01.2021	66,28	54,06	12,22	107,127	107,948	-0,821	6,0	4,0	1,309	24,00	0,00
01.02.2021	65,88	54,22	11,66	108,411	109,254	-0,843	6,0	4,0	1,264	24,00	0,00
02.02.2021	65,96	53,76	12,20	102,245	103,043	-0,799	6,0	4,0	1,248	24,00	0,00
03.02.2021	65,96	54,92	11,05	116,986	117,902	-0,916	6,0	4,0	1,292	24,00	0,00
04.02.2021	66,38	55,12	11,25	115,567	116,473	-0,906	6,0	4,0	1,301	23,93	0,07
05.02.2021	66,65	52,53	14,12	85,160	85,831	-0,671	6,0	4,0	1,203	23,95	0,05
06.02.2021	66,91	52,14	14,77	78,397	79,022	-0,626	6,0	4,0	1,158	23,43	0,57
07.02.2021	66,33	55,46	10,88	122,558	123,489	-0,931	6,0	4,0	1,333	23,95	0,05
08.02.2021	71,86	56,49	15,37	89,755	90,479	-0,724	6,0	4,0	1,380	22,05	1,95
09.02.2021	76,72	55,86	20,86	62,501	63,048	-0,547	6,0	4,0	1,304	17,98	6,02
10.02.2021	76,08	55,09	20,99	63,880	64,418	-0,537	6,0	4,0	1,341	18,27	5,73
11.02.2021	77,75	54,97	22,78	59,752	60,246	-0,494	6,0	4,0	1,362	17,62	6,38
12.02.2021	75,05	55,97	19,08	70,588	71,184	-0,596	6,0	4,0	1,347	19,05	4,95
13.02.2021	69,10	54,85	14,26	96,966	97,731	-0,765	6,0	4,0	1,383	22,35	1,65
14.02.2021	66,01	54,46	11,55	114,089	115,022	-0,933	6,0	4,0	1,318	24,00	0,00
15.02.2021	66,32	55,81	10,51	128,131	129,164	-1,033	6,0	4,0	1,347	23,98	0,02
16.02.2021	69,65	56,60	13,05	106,904	107,785	-0,882	6,0	4,0	1,395	23,23	0,77
17.02.2021	74,41	55,91	18,50	73,542	74,179	-0,637	6,0	4,0	1,361	19,60	4,40
18.02.2021	75,69	55,77	19,92	68,087	68,673	-0,586	6,0	4,0	1,357	19,00	5,00
19.02.2021	75,22	55,90	19,32	71,787	72,418	-0,631	6,0	4,0	1,387	19,05	4,95
20.02.2021	75,53	55,64	19,90	70,179	70,804	-0,624	6,0	4,0	1,397	19,50	4,50
21.02.2021	75,17	55,85	19,32	69,593	70,205	-0,612	6,0	4,0	1,345	19,07	4,93
22.02.2021	75,79	55,78	20,00	68,858	69,491	-0,633	6,0	4,0	1,378	18,90	5,10
23.02.2021	78,46	54,63	23,84	61,574	62,093	-0,519	6,0	4,0	1,469	18,90	5,10
24.02.2021	79,25	54,40	24,85	58,555	59,057	-0,502	6,0	4,0	1,456	18,43	5,57
25.02.2021	78,60	54,21	24,39	56,857	57,357	-0,499	6,0	4,0	1,387	18,12	5,88
26.02.2021	78,54	53,96	24,57	57,543	58,056	-0,513	6,0	4,0	1,415	18,55	5,45
27.02.2021	74,91	55,56	19,34	73,780	74,411	-0,631	6,0	4,0	1,428	20,23	3,77
28.02.2021	73,47	55,08	18,39	78,525	79,186	-0,661	6,0	4,0	1,444	21,17	2,83
01.03.2021	71,27	55,30	15,97	86,403	87,132	-0,729	6,0	4,0	1,380	22,18	1,82

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	T ₁	T ₂	ΔT	G ₁	G ₂	ΔG	P ₁	P ₂	Q _n	штатное	нештат.
02.03.2021	69,03	54,98	14,04	94,898	95,681	-0,783	6,0	4,0	1,333	23,20	0,80
03.03.2021	66,85	53,27	13,58	94,245	95,026	-0,781	6,0	4,0	1,280	24,00	0,00
04.03.2021	66,21	53,15	13,06	93,203	93,976	-0,772	6,0	4,0	1,217	23,88	0,12
05.03.2021	66,35	53,02	13,33	90,574	91,327	-0,753	6,0	4,0	1,208	23,93	0,07
06.03.2021	66,61	54,27	12,34	102,186	103,043	-0,857	6,0	4,0	1,261	24,00	0,00
07.03.2021	66,39	55,32	11,07	122,684	123,700	-1,016	6,0	4,0	1,358	24,00	0,00
08.03.2021	67,03	55,35	11,68	114,638	115,580	-0,943	6,0	4,0	1,339	24,00	0,00
09.03.2021	66,30	54,52	11,78	104,725	105,614	-0,889	6,0	4,0	1,234	24,00	0,00
10.03.2021	66,25	55,03	11,22	114,086	115,027	-0,941	6,0	4,0	1,280	24,00	0,00
11.03.2021	67,06	55,98	11,08	116,289	117,222	-0,933	6,0	4,0	1,288	23,93	0,07
12.03.2021	69,60	55,54	14,05	94,559	95,332	-0,774	6,0	4,0	1,329	22,08	1,92
13.03.2021	66,20	54,62	11,58	113,716	114,614	-0,898	6,0	4,0	1,317	23,95	0,05
14.03.2021	66,18	54,34	11,84	109,645	110,512	-0,867	6,0	4,0	1,299	24,00	0,00
15.03.2021	65,74	53,80	11,93	103,983	104,817	-0,834	6,0	4,0	1,241	24,00	0,00
16.03.2021	64,98	53,90	11,09	110,302	111,199	-0,897	6,0	4,0	1,223	24,00	0,00
17.03.2021	65,50	54,04	11,46	104,612	105,459	-0,846	6,0	4,0	1,199	23,98	0,02
18.03.2021	64,50	53,86	10,64	109,049	109,941	-0,892	6,0	4,0	1,160	24,00	0,00
19.03.2021	64,13	53,97	10,16	115,140	116,078	-0,938	6,0	4,0	1,170	24,00	0,00
20.03.2021	64,52	53,83	10,69	112,542	113,457	-0,915	6,0	4,0	1,204	24,00	0,00
21.03.2021	64,62	53,93	10,69	118,518	119,464	-0,945	6,0	4,0	1,267	24,00	0,00
22.03.2021	64,54	54,91	9,63	88,147	88,867	-0,720	6,0	4,0	0,849	16,57	7,43
23.03.2021	64,11	54,38	9,73	126,073	127,102	-1,029	6,0	4,0	1,226	24,00	0,00
24.03.2021	64,36	54,14	10,22	117,990	118,961	-0,970	6,0	4,0	1,206	24,00	0,00
25.03.2021	65,32	53,59	11,73	100,445	101,276	-0,831	6,0	4,0	1,178	23,95	0,05
26.03.2021	64,60	53,24	11,36	99,051	99,860	-0,809	6,0	4,0	1,125	24,00	0,00
27.03.2021	62,82	53,70	9,11	133,407	134,474	-1,067	6,0	4,0	1,215	24,00	0,00
28.03.2021	62,26	54,09	8,17	153,004	154,230	-1,225	6,0	4,0	1,250	23,98	0,02
29.03.2021	63,01	54,11	8,90	137,534	138,634	-1,100	6,0	4,0	1,224	24,00	0,00
30.03.2021	62,97	54,09	8,88	131,277	132,353	-1,076	6,0	4,0	1,165	24,00	0,00
31.03.2021	62,95	53,29	9,66	119,996	120,975	-0,979	6,0	4,0	1,159	24,00	0,00
01.04.2021	62,11	53,36	8,75	130,520	131,581	-1,060	6,0	4,0	1,142	24,00	0,00
02.04.2021	62,20	53,16	9,04	121,934	122,922	-0,989	6,0	4,0	1,103	24,00	0,00
03.04.2021	61,60	52,88	8,72	129,325	130,370	-1,045	6,0	4,0	1,128	24,00	0,00
04.04.2021	62,55	53,19	9,36	130,279	131,315	-1,037	6,0	4,0	1,219	24,00	0,00
05.04.2021	62,94	53,56	9,38	125,569	126,578	-1,009	6,0	4,0	1,178	24,00	0,00
06.04.2021	62,61	53,50	9,10	120,976	121,964	-0,988	6,0	4,0	1,101	23,83	0,17
07.04.2021	62,29	53,54	8,75	126,056	127,093	-1,037	6,0	4,0	1,103	24,00	0,00
08.04.2021	61,68	53,59	8,08	141,580	142,736	-1,156	6,0	4,0	1,144	24,00	0,00
09.04.2021	61,77	53,37	8,40	127,666	128,709	-1,044	6,0	4,0	1,072	24,00	0,00
10.04.2021	60,88	52,46	8,42	124,674	125,695	-1,021	6,0	4,0	1,049	24,00	0,00
11.04.2021	61,06	52,06	8,99	117,931	118,889	-0,958	6,0	4,0	1,060	24,00	0,00
12.04.2021	60,94	52,22	8,73	120,069	121,043	-0,974	6,0	4,0	1,048	24,00	0,00
13.04.2021	60,86	52,89	7,97	134,144	135,218	-1,074	6,0	4,0	1,070	24,00	0,00
14.04.2021	60,77	52,07	8,70	114,931	115,850	-0,919	6,0	4,0	1,000	24,00	0,00
15.04.2021	60,23	52,39	7,84	123,123	124,115	-0,992	6,0	4,0	0,966	24,00	0,00
16.04.2021	60,75	53,37	7,38	143,270	144,412	-1,142	6,0	4,0	1,057	24,00	0,00
17.04.2021	60,89	53,25	7,63	143,141	144,272	-1,130	6,0	4,0	1,093	24,00	0,00
18.04.2021	60,91	53,90	7,01	168,902	170,204	-1,302	6,0	4,0	1,184	24,00	0,00
19.04.2021	61,26	54,54	6,72	174,288	175,656	-1,368	6,0	4,0	1,171	24,00	0,00
20.04.2021	61,17	54,02	7,15	158,902	160,153	-1,251	6,0	4,0	1,136	24,00	0,00
21.04.2021	60,70	53,26	7,44	150,689	151,874	-1,185	6,0	4,0	1,121	24,00	0,00
22.04.2021	60,73	53,03	7,70	142,578	143,702	-1,124	6,0	4,0	1,097	24,00	0,00
23.04.2021	60,87	52,65	8,22	127,289	128,292	-1,003	6,0	4,0	1,046	24,00	0,00
24.04.2021	59,72	52,88	6,85	159,422	160,656	-1,234	6,0	4,0	1,091	24,00	0,00
25.04.2021	60,49	52,77	7,72	144,941	146,074	-1,133	6,0	4,0	1,119	24,00	0,00
26.04.2021	60,68	53,15	7,53	148,134	149,277	-1,142	6,0	4,0	1,115	24,00	0,00
27.04.2021	60,84	52,76	8,08	132,410	133,440	-1,029	6,0	4,0	1,070	24,00	0,00
28.04.2021	60,25	52,72	7,52	146,137	147,274	-1,137	6,0	4,0	1,099	24,00	0,00
29.04.2021	60,04	53,34	6,70	164,515	165,796	-1,281	6,0	4,0	1,102	24,00	0,00
30.04.2021	60,08	53,49	6,59	168,206	169,498	-1,292	6,0	4,0	1,108	24,00	0,00
01.05.2021	60,02	52,60	7,42	146,266	147,399	-1,133	6,0	4,0	1,084	24,00	0,00
02.05.2021	60,41	52,94	7,47	150,645	151,804	-1,158	6,0	4,0	1,126	24,00	0,00
03.05.2021	60,31	52,63	7,68	139,692	140,777	-1,085	6,0	4,0	1,073	24,00	0,00
04.05.2021	52,41	47,93	4,48	200,492	201,951	-1,459	6,0	4,0	0,898	23,90	0,10
05.05.2021	50,34	47,01	3,33	196,533	197,965	-1,432	6,0	4,0	0,654	23,70	0,30
06.05.2021	49,40	46,13	3,27	255,843	257,618	-1,775	6,0	4,0	0,837	23,35	0,65
07.05.2021	52,50	48,25	4,25	196,301	197,711	-1,410	6,0	4,0	0,834	23,35	0,65
08.05.2021	59,53	50,19	9,34	101,679	102,456	-0,777	6,0	4,0	0,950	21,53	2,47
09.05.2021	52,12	47,10	5,02	172,862	174,058	-1,196	6,0	4,0	0,867	22,72	1,28
10.05.2021	55,05	48,32	6,73	138,496	139,484	-0,987	6,0	4,0	0,931	22,13	1,87
11.05.2021	57,96	49,09	8,86	76,488	77,095	-0,607	6,0	4,0	0,678	21,73	2,27
12.05.2021	59,94	52,56	7,38	45,767	46,219	-0,451	6,0	4,0	0,337	23,93	0,07
13.05.2021	62,06	52,09	9,97	33,050	33,400	-0,349	6,0	4,0	0,330	23,18	0,82
14.05.2021	59,25	52,14	7,11	41,455	41,869	-0,415	6,0	4,0	0,295	23,87	0,13

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15.05.2021	63,78	51,42	12,36	26,976	27,285	-0,308	6,0	4,0	0,333	21,98	2,02
16.05.2021	65,45	50,74	14,71	21,570	21,840	-0,270	6,0	4,0	0,317	21,00	3,00
17.05.2021	65,13	50,83	14,29	20,284	20,567	-0,283	6,0	4,0	0,290	21,47	2,53
18.05.2021	65,82	50,58	15,24	20,259	20,540	-0,281	6,0	4,0	0,309	21,25	2,75
19.05.2021	66,01	50,32	15,69	19,990	20,248	-0,258	6,0	4,0	0,314	19,37	4,63
20.05.2021	66,03	50,46	15,57	18,370	18,632	-0,262	6,0	4,0	0,286	19,92	4,08
21.05.2021	66,37	50,31	16,06	18,519	18,776	-0,258	6,0	4,0	0,297	19,35	4,65
22.05.2021	67,73	49,85	17,89	17,094	17,325	-0,231	6,0	4,0	0,306	18,35	5,65
23.05.2021	68,26	49,75	18,51	15,378	15,601	-0,223	6,0	4,0	0,285	16,17	7,83
24.05.2021	67,21	50,04	17,17	16,790	17,017	-0,227	6,0	4,0	0,288	17,58	6,42
25.05.2021	62,90	51,45	11,44	27,122	27,450	-0,328	6,0	4,0	0,310	21,27	2,73
26.05.2021	64,21	51,26	12,94	22,834	23,141	-0,307	6,0	4,0	0,296	21,93	2,07
27.05.2021	66,85	50,26	16,59	20,265	20,531	-0,266	6,0	4,0	0,336	20,02	3,98
28.05.2021	62,44	51,91	10,53	26,320	26,636	-0,316	6,0	4,0	0,277	21,37	2,63
29.05.2021	64,68	51,19	13,49	24,309	24,608	-0,299	6,0	4,0	0,328	21,93	2,07
30.05.2021	67,19	50,44	16,76	17,023	17,278	-0,255	6,0	4,0	0,285	18,43	5,57
31.05.2021	62,36	51,31	11,05	30,452	30,810	-0,357	6,0	4,0	0,336	22,40	1,60
01.06.2021	62,80	52,04	10,76	28,252	28,595	-0,342	6,0	4,0	0,304	22,93	1,07
02.06.2021	60,54	51,75	8,79	38,146	38,557	-0,411	6,0	4,0	0,335	23,22	0,78
03.06.2021	62,98	52,04	10,93	30,341	30,710	-0,369	6,0	4,0	0,331	22,45	1,55
04.06.2021	66,35	50,46	15,89	21,897	22,201	-0,304	6,0	4,0	0,348	21,40	2,60
05.06.2021	65,43	50,84	14,60	22,139	22,454	-0,315	6,0	4,0	0,323	21,17	2,83
06.06.2021	63,13	51,87	11,26	34,045	34,442	-0,397	6,0	4,0	0,383	22,53	1,47
07.06.2021	66,67	50,37	16,30	19,983	20,285	-0,302	6,0	4,0	0,325	20,95	3,05
08.06.2021	63,03	50,84	12,19	28,094	28,433	-0,339	6,0	4,0	0,342	20,75	3,25
09.06.2021	63,77	51,44	12,33	26,829	27,178	-0,349	6,0	4,0	0,330	22,68	1,32
10.06.2021	66,50	50,64	15,86	17,721	17,998	-0,277	6,0	4,0	0,281	20,67	3,33
11.06.2021	64,56	51,12	13,44	22,501	22,819	-0,318	6,0	4,0	0,302	21,15	2,85
12.06.2021	65,95	50,70	15,25	21,045	21,356	-0,312	6,0	4,0	0,321	22,43	1,57
13.06.2021	68,11	50,10	18,01	15,556	15,804	-0,248	6,0	4,0	0,280	18,30	5,70
14.06.2021	63,68	51,14	12,54	24,705	25,031	-0,326	6,0	4,0	0,309	19,47	4,53
15.06.2021	62,39	51,85	10,54	30,525	30,883	-0,358	6,0	4,0	0,321	22,25	1,75
16.06.2021	65,91	50,76	15,15	19,920	20,215	-0,295	6,0	4,0	0,301	21,22	2,78
17.06.2021	62,81	51,56	11,26	28,500	28,880	-0,380	6,0	4,0	0,320	21,50	2,50
18.06.2021	64,71	51,23	13,48	23,276	23,595	-0,319	6,0	4,0	0,313	21,38	2,62
19.06.2021	67,73	50,25	17,47	13,786	14,014	-0,228	6,0	4,0	0,241	17,30	6,70
20.06.2021	66,15	50,31	15,84	19,717	20,009	-0,292	6,0	4,0	0,312	18,42	5,58
21.06.2021	60,19	52,51	7,67	41,865	42,333	-0,468	6,0	4,0	0,321	23,83	0,17
22.06.2021	57,92	52,82	5,10	60,876	61,505	-0,630	6,0	4,0	0,310	24,00	0,00
23.06.2021	63,33	51,84	11,49	29,700	30,076	-0,376	6,0	4,0	0,341	22,83	1,17
24.06.2021	68,20	50,15	18,04	15,212	15,470	-0,258	6,0	4,0	0,274	17,25	6,75
25.06.2021	63,92	51,42	12,50	19,174	19,416	-0,242	6,0	4,0	0,239	14,25	9,75
26.06.2021	67,94	50,21	17,72	17,214	17,475	-0,261	6,0	4,0	0,305	18,87	5,13
27.06.2021	63,85	51,17	12,68	22,318	22,574	-0,256	6,0	4,0	0,283	14,62	9,38
28.06.2021	63,28	51,65	11,63	25,796	26,156	-0,360	6,0	4,0	0,300	21,75	2,25
29.06.2021	67,52	50,30	17,22	16,572	16,803	-0,231	6,0	4,0	0,285	17,58	6,42
30.06.2021	64,15	51,43	12,72	17,916	18,152	-0,236	6,0	4,0	0,228	14,80	9,20
01.07.2021	63,13	51,63	11,50	25,051	25,393	-0,342	6,0	4,0	0,288	21,08	2,92
02.07.2021	59,09	53,07	6,02	35,178	35,570	-0,391	6,0	4,0	0,212	18,57	5,43
03.07.2021	66,42	50,90	15,52	16,546	16,796	-0,250	6,0	4,0	0,257	17,95	6,05
04.07.2021	67,04	50,41	16,64	17,613	17,881	-0,269	6,0	4,0	0,293	18,20	5,80
05.07.2021	67,56	50,19	17,37	16,466	16,702	-0,236	6,0	4,0	0,286	17,25	6,75
06.07.2021	63,42	51,10	12,32	24,157	24,483	-0,327	6,0	4,0	0,297	19,80	4,20
07.07.2021	67,04	50,40	16,64	18,734	18,995	-0,261	6,0	4,0	0,312	19,12	4,88
08.07.2021	63,40	51,70	11,69	19,219	19,475	-0,256	6,0	4,0	0,225	15,40	8,60
09.07.2021	66,28	50,78	15,50	18,301	18,572	-0,271	6,0	4,0	0,284	18,85	5,15
10.07.2021	63,76	51,20	12,55	22,206	22,465	-0,259	6,0	4,0	0,279	15,30	8,70
11.07.2021	67,62	50,13	17,49	18,642	18,904	-0,261	6,0	4,0	0,326	18,43	5,57
12.07.2021	59,75	50,54	9,20	31,972	32,320	-0,348	6,0	4,0	0,294	17,08	6,92
13.07.2021	53,69	50,00	3,69	23,938	24,157	-0,220	6,0	4,0	0,088	9,57	14,43
14.07.2021	19,27	18,77	0,49	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
15.07.2021	18,87	18,34	0,53	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
16.07.2021	18,99	18,30	0,68	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
17.07.2021	19,06	18,64	0,42	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
18.07.2021	18,96	18,55	0,40	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
19.07.2021	19,16	18,67	0,50	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
20.07.2021	19,14	18,72	0,42	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
21.07.2021	19,14	18,85	0,30	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
22.07.2021	19,18	18,82	0,36	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
23.07.2021	19,09	18,86	0,23	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
24.07.2021	18,76	18,33	0,43	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
25.07.2021	17,92	17,63	0,29	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
26.07.2021	19,27	18,66	0,62	16,667	16,799	-0,133	6,0	4,0	0,010	4,97	19,03
27.07.2021	24,00	23,01	0,99	90,317	90,842	-0,525	6,0	4,0	0,090	22,48	1,52

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.
28.07.2021	55,87	50,20	5,67	66,870	67,379	-0,510	6,0	4,0	0,379	24,00	0,00
29.07.2021	63,28	51,75	11,53	27,106	27,421	-0,315	6,0	4,0	0,313	22,28	1,72
30.07.2021	60,90	51,93	8,97	36,199	36,577	-0,377	6,0	4,0	0,325	23,33	0,67
31.07.2021	64,37	51,88	12,49	23,815	24,149	-0,333	6,0	4,0	0,298	23,13	0,87
01.08.2021	63,08	51,61	11,47	22,607	22,868	-0,261	6,0	4,0	0,259	17,48	6,52
02.08.2021	66,20	50,94	15,26	17,895	18,168	-0,273	6,0	4,0	0,273	19,27	4,73
03.08.2021	62,96	51,42	11,54	24,015	24,287	-0,272	6,0	4,0	0,277	17,33	6,67
04.08.2021	67,43	50,45	16,98	15,140	15,396	-0,256	6,0	4,0	0,257	18,92	5,08
05.08.2021	62,51	51,88	10,63	23,307	23,576	-0,269	6,0	4,0	0,248	17,53	6,47
06.08.2021	62,92	51,52	11,40	26,245	26,592	-0,347	6,0	4,0	0,299	23,18	0,82
07.08.2021	66,45	50,76	15,70	17,944	18,249	-0,305	6,0	4,0	0,282	20,93	3,07
08.08.2021	62,64	51,22	11,41	23,833	24,124	-0,291	6,0	4,0	0,272	18,05	5,95
09.08.2021	61,81	52,25	9,56	33,352	33,708	-0,356	6,0	4,0	0,319	23,45	0,55
10.08.2021	66,84	50,46	16,38	15,954	16,206	-0,252	6,0	4,0	0,261	19,03	4,97
11.08.2021	64,32	51,21	13,11	23,006	23,292	-0,286	6,0	4,0	0,302	19,15	4,85
12.08.2021	62,38	51,04	11,34	31,161	31,512	-0,351	6,0	4,0	0,353	22,58	1,42
13.08.2021	64,79	51,07	13,72	21,671	21,992	-0,321	6,0	4,0	0,297	22,17	1,83
14.08.2021	64,12	51,31	12,81	21,927	22,207	-0,280	6,0	4,0	0,281	18,43	5,57
15.08.2021	66,24	50,59	15,65	19,914	20,224	-0,310	6,0	4,0	0,312	21,20	2,80
16.08.2021	58,69	52,74	5,94	51,544	52,077	-0,533	6,0	4,0	0,306	23,58	0,42
17.08.2021	57,82	52,41	5,41	61,548	62,124	-0,576	6,0	4,0	0,333	24,00	0,00
18.08.2021	58,32	52,72	5,60	58,579	59,082	-0,503	6,0	4,0	0,328	24,00	0,00
19.08.2021	60,39	52,68	7,71	39,424	39,838	-0,414	6,0	4,0	0,304	21,73	2,27
20.08.2021	67,00	50,40	16,60	14,872	15,142	-0,270	6,0	4,0	0,247	17,85	6,15
21.08.2021	68,27	50,03	18,24	13,633	13,867	-0,235	6,0	4,0	0,249	16,95	7,05
22.08.2021	69,55	49,55	20,00	11,219	11,402	-0,183	6,0	4,0	0,224	12,50	11,50
23.08.2021	68,80	49,81	18,99	12,283	12,517	-0,234	6,0	4,0	0,233	15,65	8,35
24.08.2021	70,17	49,25	20,92	8,640	8,791	-0,151	6,0	4,0	0,181	10,08	13,92
25.08.2021	64,53	51,20	13,34	16,406	16,660	-0,254	6,0	4,0	0,219	14,67	9,33
26.08.2021	65,19	51,04	14,15	19,874	20,205	-0,330	6,0	4,0	0,281	21,10	2,90
27.08.2021	63,22	51,33	11,89	26,064	26,417	-0,353	6,0	4,0	0,310	20,58	3,42
28.08.2021	64,53	51,16	13,37	23,992	24,357	-0,365	6,0	4,0	0,321	22,48	1,52
29.08.2021	66,11	50,61	15,49	21,557	21,898	-0,341	6,0	4,0	0,334	22,10	1,90
30.08.2021	65,39	50,86	14,53	22,944	23,298	-0,354	6,0	4,0	0,333	22,17	1,83
31.08.2021	65,06	50,89	14,18	25,047	25,410	-0,363	6,0	4,0	0,355	22,60	1,40
01.09.2021	63,73	51,40	12,33	26,822	27,211	-0,389	6,0	4,0	0,331	23,32	0,68
02.09.2021	64,07	51,34	12,73	26,955	27,328	-0,373	6,0	4,0	0,343	23,43	0,57
03.09.2021	64,60	51,30	13,30	23,717	24,079	-0,362	6,0	4,0	0,315	23,35	0,65
04.09.2021	64,68	51,17	13,51	23,794	24,162	-0,368	6,0	4,0	0,321	23,43	0,57
05.09.2021	63,99	51,21	12,78	29,076	29,477	-0,402	6,0	4,0	0,371	23,65	0,35
06.09.2021	62,54	51,86	10,68	31,451	31,860	-0,410	6,0	4,0	0,336	23,82	0,18
07.09.2021	63,64	51,54	12,10	28,325	28,720	-0,395	6,0	4,0	0,343	23,58	0,42
08.09.2021	62,77	51,84	10,93	32,269	32,688	-0,418	6,0	4,0	0,353	23,83	0,17
09.09.2021	61,93	52,23	9,70	35,676	36,119	-0,444	6,0	4,0	0,346	23,93	0,07
10.09.2021	60,10	52,65	7,44	46,681	47,191	-0,511	6,0	4,0	0,347	24,00	0,00
11.09.2021	59,04	51,94	7,10	55,183	55,728	-0,545	6,0	4,0	0,392	24,00	0,00
12.09.2021	58,13	51,41	6,72	55,561	56,110	-0,549	6,0	4,0	0,373	24,00	0,00
13.09.2021	57,63	51,34	6,29	56,134	56,682	-0,548	6,0	4,0	0,353	24,00	0,00
14.09.2021	56,52	50,66	5,86	54,318	54,711	-0,394	6,0	4,0	0,318	24,00	0,00
15.09.2021	60,10	52,31	7,79	44,119	44,561	-0,442	6,0	4,0	0,344	24,00	0,00
16.09.2021	56,22	49,28	6,94	81,045	81,744	-0,699	6,0	4,0	0,562	24,00	0,00
17.09.2021	55,75	48,48	7,26	132,806	133,857	-1,051	6,0	4,0	0,964	23,98	0,02
18.09.2021	59,48	50,76	8,72	121,019	121,966	-0,947	6,0	4,0	1,055	24,00	0,00
19.09.2021	59,35	50,75	8,60	127,334	128,307	-0,974	6,0	4,0	1,095	24,00	0,00
20.09.2021	54,35	48,87	5,47	178,875	180,234	-1,359	6,0	4,0	0,978	23,85	0,15
21.09.2021	60,34	51,61	8,73	118,111	118,964	-0,852	6,0	4,0	1,030	24,00	0,00
22.09.2021	59,03	52,06	6,97	149,317	150,467	-1,150	6,0	4,0	1,040	24,00	0,00
23.09.2021	59,39	51,82	7,57	132,464	133,474	-1,010	6,0	4,0	1,003	24,00	0,00
24.09.2021	59,32	51,81	7,51	126,832	127,805	-0,973	6,0	4,0	0,953	23,50	0,50
25.09.2021	59,05	51,60	7,45	131,721	132,718	-0,997	6,0	4,0	0,981	24,00	0,00
26.09.2021	59,25	51,42	7,83	129,301	130,280	-0,979	6,0	4,0	1,012	24,00	0,00
27.09.2021	59,14	52,47	6,66	162,944	164,193	-1,249	6,0	4,0	1,086	24,00	0,00
28.09.2021	59,12	53,42	5,70	196,824	198,375	-1,551	6,0	4,0	1,121	24,00	0,00
29.09.2021	59,58	53,07	6,51	165,873	167,169	-1,297	6,0	4,0	1,080	24,00	0,00
30.09.2021	58,83	52,99	5,83	182,450	183,890	-1,440	6,0	4,0	1,064	24,00	0,00
01.10.2021	58,90	52,65	6,25	168,710	170,027	-1,317	6,0	4,0	1,054	24,00	0,00
02.10.2021	59,15	52,69	6,46	164,001	165,294	-1,294	6,0	4,0	1,059	24,00	0,00
03.10.2021	59,19	52,87	6,32	179,466	180,885	-1,419	6,0	4,0	1,133	24,00	0,00
04.10.2021	59,33	52,93	6,40	166,615	167,910	-1,296	6,0	4,0	1,066	24,00	0,00
05.10.2021	59,25	52,74	6,51	167,013	168,321	-1,308	6,0	4,0	1,087	24,00	0,00
06.10.2021	58,40	52,09	6,31	154,128	155,304	-1,176	6,0	4,0	0,973	21,90	2,10
07.10.2021	59,31	51,95	7,36	136,064	137,048	-0,984	6,0	4,0	1,001	24,00	0,00
08.10.2021	59,03	52,18	6,85	150,595	151,718	-1,123	6,0	4,0	1,031	24,00	0,00
09.10.2021	59,10	51,94	7,16	140,910	141,968	-1,058	6,0	4,0	1,009	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.
10.10.2021	59,09	52,51	6,58	168,964	170,278	-1,314	6,0	4,0	1,111	24,00	0,00
11.10.2021	59,00	52,64	6,36	169,037	170,332	-1,296	6,0	4,0	1,075	24,00	0,00
12.10.2021	59,11	51,62	7,49	132,619	133,618	-0,998	6,0	4,0	0,992	24,00	0,00
13.10.2021	59,18	51,72	7,46	134,041	135,068	-1,027	6,0	4,0	1,000	24,00	0,00
14.10.2021	58,57	52,22	6,35	162,721	163,994	-1,273	6,0	4,0	1,034	24,00	0,00
15.10.2021	58,73	52,06	6,67	147,047	148,177	-1,130	6,0	4,0	0,981	24,00	0,00
16.10.2021	59,01	51,65	7,36	134,395	135,415	-1,021	6,0	4,0	0,989	24,00	0,00
17.10.2021	59,18	52,21	6,97	154,612	155,791	-1,179	6,0	4,0	1,078	24,00	0,00
18.10.2021	59,33	52,11	7,23	137,916	138,916	-1,000	6,0	4,0	0,997	23,97	0,03
19.10.2021	59,09	51,72	7,37	136,730	137,660	-0,929	6,0	4,0	1,008	24,00	0,00
20.10.2021	58,96	52,52	6,44	162,715	163,793	-1,077	6,0	4,0	1,048	24,00	0,00
21.10.2021	59,03	53,24	5,79	188,701	190,013	-1,312	6,0	4,0	1,092	24,00	0,00
22.10.2021	59,53	53,13	6,41	169,425	170,645	-1,220	6,0	4,0	1,085	24,00	0,00
23.10.2021	59,26	52,43	6,83	149,984	151,083	-1,099	6,0	4,0	1,023	24,00	0,00
24.10.2021	59,07	53,08	5,99	180,937	182,338	-1,401	6,0	4,0	1,083	24,00	0,00
25.10.2021	59,08	53,41	5,68	189,530	191,023	-1,494	6,0	4,0	1,076	24,00	0,00
26.10.2021	59,17	53,62	5,54	202,398	204,006	-1,608	6,0	4,0	1,121	24,00	0,00
27.10.2021	59,30	53,60	5,70	191,382	192,932	-1,550	6,0	4,0	1,091	24,00	0,00
28.10.2021	59,33	53,57	5,76	195,384	196,963	-1,579	6,0	4,0	1,125	24,00	0,00
29.10.2021	59,20	53,81	5,40	212,536	214,250	-1,714	6,0	4,0	1,147	24,00	0,00
30.10.2021	59,68	54,06	5,62	210,652	212,359	-1,708	6,0	4,0	1,183	24,00	0,00
31.10.2021	59,41	53,70	5,71	202,390	204,041	-1,651	6,0	4,0	1,155	24,00	0,00
01.11.2021	59,55	53,68	5,87	201,049	202,669	-1,619	6,0	4,0	1,180	23,98	0,02
02.11.2021	61,63	54,81	6,81	184,535	186,017	-1,483	6,0	4,0	1,257	24,00	0,00
03.11.2021	61,90	54,85	7,04	175,696	177,111	-1,415	6,0	4,0	1,237	24,00	0,00
04.11.2021	61,66	54,58	7,08	177,614	179,050	-1,436	6,0	4,0	1,257	24,00	0,00
05.11.2021	60,72	54,11	6,61	183,120	184,607	-1,487	6,0	4,0	1,210	24,00	0,00
06.11.2021	60,82	53,09	7,73	153,555	154,778	-1,223	6,0	4,0	1,186	24,00	0,00
07.11.2021	60,84	53,10	7,74	157,082	158,322	-1,240	6,0	4,0	1,216	24,00	0,00
08.11.2021	60,80	53,36	7,44	153,807	155,044	-1,237	6,0	4,0	1,144	24,00	0,00
09.11.2021	61,07	53,32	7,75	144,912	146,073	-1,161	6,0	4,0	1,123	24,00	0,00
10.11.2021	60,86	53,65	7,21	162,156	163,457	-1,302	6,0	4,0	1,169	24,00	0,00
11.11.2021	61,77	54,41	7,36	166,147	167,490	-1,343	6,0	4,0	1,223	24,00	0,00
12.11.2021	61,64	53,88	7,76	148,499	149,689	-1,190	6,0	4,0	1,152	24,00	0,00
13.11.2021	61,24	53,45	7,79	148,518	149,709	-1,192	6,0	4,0	1,157	24,00	0,00
14.11.2021	60,97	53,88	7,10	171,582	172,966	-1,384	6,0	4,0	1,218	24,00	0,00
15.11.2021	63,99	55,29	8,70	145,623	146,812	-1,189	6,0	4,0	1,267	24,00	0,00
16.11.2021	63,19	55,17	8,01	150,939	152,176	-1,237	6,0	4,0	1,210	24,00	0,00
17.11.2021	63,56	54,95	8,61	143,318	144,480	-1,162	6,0	4,0	1,234	24,00	0,00
18.11.2021	63,24	55,54	7,70	157,337	158,634	-1,297	6,0	4,0	1,211	24,00	0,00
19.11.2021	63,52	54,42	9,09	131,106	132,179	-1,073	6,0	4,0	1,192	24,00	0,00
20.11.2021	61,96	53,95	8,01	147,311	148,514	-1,203	6,0	4,0	1,180	24,00	0,00
21.11.2021	62,34	54,18	8,16	150,102	151,321	-1,218	6,0	4,0	1,225	24,00	0,00
22.11.2021	62,16	53,91	8,25	138,877	140,002	-1,125	6,0	4,0	1,146	24,00	0,00
23.11.2021	63,25	54,17	9,08	134,441	135,521	-1,080	6,0	4,0	1,220	24,00	0,00
24.11.2021	66,84	55,17	11,67	102,931	103,786	-0,854	6,0	4,0	1,202	24,00	0,00
25.11.2021	68,33	56,05	12,28	104,770	105,650	-0,879	6,0	4,0	1,287	24,00	0,00
26.11.2021	68,18	55,04	13,15	90,722	91,467	-0,745	6,0	4,0	1,193	23,97	0,03
27.11.2021	66,80	52,58	14,22	79,998	80,622	-0,623	6,0	4,0	1,137	24,00	0,00
28.11.2021	67,68	52,90	14,78	81,555	82,194	-0,639	6,0	4,0	1,205	24,00	0,00
29.11.2021	65,10	52,91	12,19	92,854	93,585	-0,730	6,0	4,0	1,132	24,00	0,00
30.11.2021	63,89	52,90	11,00	100,269	101,053	-0,784	6,0	4,0	1,103	24,00	0,00
01.12.2021	63,77	52,89	10,88	104,869	105,692	-0,822	6,0	4,0	1,141	24,00	0,00
02.12.2021	63,94	52,60	11,34	98,083	98,847	-0,764	6,0	4,0	1,112	24,00	0,00
03.12.2021	63,30	53,63	9,68	116,427	117,340	-0,913	6,0	4,0	1,127	24,00	0,00
04.12.2021	64,69	52,61	12,08	94,479	95,216	-0,737	6,0	4,0	1,142	24,00	0,00
05.12.2021	64,45	52,53	11,92	99,429	100,200	-0,771	6,0	4,0	1,186	24,00	0,00
06.12.2021	64,64	54,59	10,05	120,884	121,856	-0,972	6,0	4,0	1,215	24,00	0,00
07.12.2021	68,67	56,36	12,31	104,666	105,520	-0,854	6,0	4,0	1,289	24,00	0,00
08.12.2021	68,70	56,09	12,61	100,684	101,494	-0,811	6,0	4,0	1,270	24,00	0,00
09.12.2021	67,64	53,83	13,81	88,441	89,143	-0,702	6,0	4,0	1,222	24,00	0,00
10.12.2021	67,47	54,06	13,41	87,901	88,603	-0,702	6,0	4,0	1,179	24,00	0,00
11.12.2021	67,66	55,40	12,26	101,938	102,749	-0,811	6,0	4,0	1,250	24,00	0,00
12.12.2021	67,63	55,59	12,04	110,698	111,567	-0,869	6,0	4,0	1,333	24,00	0,00
13.12.2021	67,48	54,78	12,69	97,831	98,617	-0,786	6,0	4,0	1,242	24,00	0,00
14.12.2021	66,86	53,91	12,95	94,734	95,485	-0,751	6,0	4,0	1,227	24,00	0,00
15.12.2021	66,28	53,70	12,57	95,518	96,281	-0,763	6,0	4,0	1,201	24,00	0,00
16.12.2021	66,89	53,34	13,55	85,903	86,579	-0,677	6,0	4,0	1,164	24,00	0,00
17.12.2021	66,83	53,33	13,51	86,268	86,960	-0,692	6,0	4,0	1,165	24,00	0,00
18.12.2021	67,28	53,17	14,11	82,335	82,985	-0,650	6,0	4,0	1,162	24,00	0,00
19.12.2021	66,65	53,46	13,19	89,402	90,111	-0,709	6,0	4,0	1,180	24,00	0,00
20.12.2021	66,85	55,20	11,65	103,830	104,662	-0,831	6,0	4,0	1,210	24,00	0,00
21.12.2021	66,38	52,84	13,54	86,160	86,827	-0,667	6,0	4,0	1,166	24,00	0,00
22.12.2021	66,78	54,71	12,07	100,848	101,647	-0,799	6,0	4,0	1,218	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.
23.12.2021	68,11	55,27	12,84	94,821	95,594	-0,773	6,0	4,0	1,218	24,00	0,00
24.12.2021	69,42	56,14	13,28	94,524	95,309	-0,784	6,0	4,0	1,256	23,93	0,07
25.12.2021	70,55	56,00	14,55	89,849	90,580	-0,731	6,0	4,0	1,308	23,78	0,22
26.12.2021	70,43	55,53	14,91	90,555	91,275	-0,720	6,0	4,0	1,350	23,07	0,93
27.12.2021	70,24	55,13	15,11	86,981	87,677	-0,696	6,0	4,0	1,315	23,75	0,25
28.12.2021	70,48	55,88	14,59	90,381	91,110	-0,729	6,0	4,0	1,319	23,72	0,28
29.12.2021	70,65	56,08	14,57	89,898	90,638	-0,741	6,0	4,0	1,310	23,87	0,13
30.12.2021	70,69	55,79	14,90	90,534	91,270	-0,736	6,0	4,0	1,350	22,88	1,12
31.12.2021	71,10	55,05	16,04	84,922	85,605	-0,684	6,0	4,0	1,363	23,40	0,60
Итого	62,72	51,57	11,15	32141,354	32408,589	-267,235	6,00	4,00	317,780	7874,43	885,57



Место для записи представителя PCO



Ответственный за учет тепловой энергии:

Представитель обслуживающей организации: