

**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: **пер. Пушкина, д. 23**

Система отопления: двухтрубная зависимая	Эльф-01	22883308	07.06.2020
Расчетная формула тепловой энергии:	ПРЭМ	169856	10.06.2020
$Q = G^2 \times (T^1 - T^2) / 1000$, Гкал	ПРЭМ	169269	10.06.2020
Gmax= 6,20 тн/час	КТСП-Н	9970	08.06.2020
Gот= 2,00 тн/час			
Gгвс= 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.
01.01.19	69,98	52,13	17,85	68,314	67,035	1,278	6,0	4,0	1,220	24,00	0,00
02.01.19	68,58	51,64	16,94	72,982	71,628	1,354	6,0	4,0	1,236	24,00	0,00
03.01.19	67,27	51,29	15,98	72,949	71,608	1,341	6,0	4,0	1,166	24,00	0,00
04.01.19	67,35	51,30	16,05	75,222	73,843	1,379	6,0	4,0	1,207	24,00	0,00
05.01.19	63,71	50,93	12,79	89,352	87,754	1,598	6,0	4,0	1,142	24,00	0,00
06.01.19	66,49	51,87	14,62	86,299	84,727	1,573	6,0	4,0	1,262	24,00	0,00
07.01.19	66,81	52,24	14,57	83,070	81,566	1,503	6,0	4,0	1,210	24,00	0,00
08.01.19	67,38	52,50	14,88	86,814	85,222	1,592	6,0	4,0	1,292	24,00	0,00
09.01.19	67,78	52,48	15,30	80,054	78,593	1,461	6,0	4,0	1,225	24,00	0,00
10.01.19	67,74	52,11	15,63	78,075	76,636	1,439	6,0	4,0	1,221	24,00	0,00
11.01.19	67,69	52,03	15,66	76,352	74,950	1,402	6,0	4,0	1,196	24,00	0,00
12.01.19	66,75	52,21	14,54	84,221	82,684	1,537	6,0	4,0	1,225	24,00	0,00
13.01.19	65,76	50,71	15,05	78,955	77,521	1,434	6,0	4,0	1,188	24,00	0,00
14.01.19	66,20	51,41	14,79	75,289	73,408	1,881	6,0	4,0	1,113	24,00	0,00
15.01.19	66,89	51,83	15,06	82,047	80,416	1,631	6,0	4,0	1,235	24,00	0,00
16.01.19	66,71	51,06	15,65	77,193	75,682	1,511	6,0	4,0	1,208	24,00	0,00
17.01.19	66,27	51,26	15,02	78,750	77,244	1,506	6,0	4,0	1,183	24,00	0,00
18.01.19	66,60	51,41	15,19	78,342	76,841	1,501	6,0	4,0	1,190	24,00	0,00
19.01.19	66,95	50,96	15,99	74,211	72,783	1,428	6,0	4,0	1,186	24,00	0,00
20.01.19	66,61	50,42	16,18	72,623	71,229	1,394	6,0	4,0	1,175	24,00	0,00
21.01.19	66,38	51,72	14,66	81,269	79,727	1,543	6,0	4,0	1,191	24,00	0,00
22.01.19	66,51	51,76	14,76	80,205	78,680	1,524	6,0	4,0	1,183	24,00	0,00
23.01.19	68,32	52,97	15,36	82,903	81,315	1,588	6,0	4,0	1,273	24,00	0,00
24.01.19	72,10	53,65	18,45	70,453	69,072	1,381	6,0	4,0	1,300	24,00	0,00
25.01.19	71,28	52,83	18,46	68,036	66,691	1,346	6,0	4,0	1,256	24,00	0,00
26.01.19	70,20	53,26	16,94	77,478	75,964	1,513	6,0	4,0	1,313	24,00	0,00
27.01.19	73,30	53,30	20,00	70,692	69,277	1,415	6,0	4,0	1,414	24,00	0,00
28.01.19	72,67	53,17	19,50	67,477	66,130	1,348	6,0	4,0	1,316	24,00	0,00
29.01.19	72,92	53,26	19,66	67,521	66,173	1,348	6,0	4,0	1,328	24,00	0,00
30.01.19	69,57	52,43	17,14	75,721	74,233	1,488	6,0	4,0	1,298	24,00	0,00
31.01.19	70,74	54,10	16,64	80,862	79,285	1,578	6,0	4,0	1,345	24,00	0,00
01.02.19	69,08	54,06	15,02	89,724	87,997	1,727	6,0	4,0	1,348	24,00	0,00
02.02.19	69,48	54,26	15,22	89,042	87,344	1,698	6,0	4,0	1,355	24,00	0,00
03.02.19	73,74	55,01	18,73	79,427	77,853	1,574	6,0	4,0	1,489	24,00	0,00
04.02.19	78,80	55,21	23,60	62,229	60,941	1,288	6,0	4,0	1,469	24,00	0,00
05.02.19	80,86	55,27	25,59	57,858	56,651	1,207	6,0	4,0	1,482	24,00	0,00
06.02.19	80,67	54,27	26,40	55,473	54,298	1,174	6,0	4,0	1,465	24,02	-0,02
07.02.19	79,75	54,21	25,54	55,566	54,407	1,160	6,0	4,0	1,420	24,00	0,00
08.02.19	73,81	52,93	20,88	65,248	63,938	1,310	6,0	4,0	1,363	24,00	0,00
09.02.19	70,55	52,99	17,56	79,728	78,157	1,571	6,0	4,0	1,400	24,00	0,00
10.02.19	67,42	51,05	16,37	80,448	78,898	1,550	6,0	4,0	1,317	24,00	0,00
11.02.19	66,79	51,09	15,71	78,891	77,386	1,505	6,0	4,0	1,239	24,00	0,00
12.02.19	65,10	51,07	14,03	86,496	84,882	1,614	6,0	4,0	1,213	24,00	0,00
13.02.19	65,91	51,24	14,67	80,713	79,201	1,511	6,0	4,0	1,184	24,00	0,00
14.02.19	66,44	50,91	15,53	76,415	74,979	1,436	6,0	4,0	1,187	24,00	0,00
15.02.19	66,23	51,23	15,00	76,238	74,806	1,433	6,0	4,0	1,144	24,00	0,00
16.02.19	67,24	51,43	15,80	75,615	74,185	1,429	6,0	4,0	1,195	24,00	0,00
17.02.19	66,63	51,42	15,21	80,305	78,792	1,513	6,0	4,0	1,221	24,00	0,00
18.02.19	66,19	50,93	15,27	75,010	73,604	1,406	6,0	4,0	1,145	24,00	0,00
19.02.19	66,05	51,53	14,52	81,691	80,168	1,523	6,0	4,0	1,186	24,00	0,00
20.02.19	67,01	52,45	14,57	85,267	83,676	1,591	6,0	4,0	1,242	24,00	0,00
21.02.19	66,30	51,81	14,50	82,868	81,318	1,550	6,0	4,0	1,202	24,00	0,00
22.02.19	67,08	50,74	16,35	69,834	68,520	1,314	6,0	4,0	1,142	24,00	0,00
23.02.19	66,46	51,02	15,44	77,125	75,681	1,444	6,0	4,0	1,191	24,00	0,00
24.02.19	67,29	51,42	15,87	77,752	76,283	1,470	6,0	4,0	1,234	24,00	0,00
25.02.19	66,74	51,20	15,54	75,376	73,960	1,416	6,0	4,0	1,171	24,00	0,00
26.02.19	66,46	51,62	14,84	78,735	77,265	1,470	6,0	4,0	1,169	24,00	0,00
27.02.19	66,43	51,12	15,31	75,397	73,990	1,407	6,0	4,0	1,154	24,00	0,00
28.02.19	67,17	50,87	16,30	71,686	70,336	1,350	6,0	4,0	1,169	24,00	0,00
01.03.19	64,91	50,74	14,18	77,731	76,295	1,436	6,0	4,0	1,102	24,00	0,00
02.03.19	64,36	50,67	13,69	80,235	78,766	1,469	6,0	4,0	1,099	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.
03.03.19	64,21	50,38	13,83	85,391	83,823	1,568	6,0	4,0	1,181	24,00	0,00
04.03.19	63,64	50,98	12,66	91,113	89,454	1,658	6,0	4,0	1,153	24,00	0,00
05.03.19	63,37	51,35	12,01	94,985	93,265	1,720	6,0	4,0	1,141	24,00	0,00
06.03.19	63,79	50,94	12,85	85,538	83,992	1,546	6,0	4,0	1,099	24,00	0,00
07.03.19	63,90	50,40	13,50	80,768	79,310	1,458	6,0	4,0	1,090	24,00	0,00
08.03.19	63,96	50,92	13,04	89,451	87,830	1,621	6,0	4,0	1,166	24,00	0,00
09.03.19	64,32	50,53	13,79	81,775	80,283	1,493	6,0	4,0	1,127	24,00	0,00
10.03.19	61,03	48,17	12,86	78,694	77,283	1,411	6,0	4,0	1,011	22,57	1,43
11.03.19	63,76	50,24	13,52	83,311	81,797	1,514	6,0	4,0	1,126	24,00	0,00
12.03.19	64,19	49,92	14,27	74,794	73,429	1,365	6,0	4,0	1,067	24,00	0,00
13.03.19	63,95	50,24	13,71	79,753	78,309	1,444	6,0	4,0	1,093	24,00	0,00
14.03.19	63,66	50,52	13,14	83,851	82,338	1,514	6,0	4,0	1,102	24,00	0,00
15.03.19	63,76	50,86	12,90	85,959	84,410	1,549	6,0	4,0	1,109	24,00	0,00
16.03.19	64,43	50,79	13,64	87,870	86,271	1,599	6,0	4,0	1,199	24,00	0,00
17.03.19	65,05	50,79	14,26	83,265	81,738	1,527	6,0	4,0	1,187	24,00	0,00
18.03.19	64,77	50,40	14,37	76,367	74,980	1,387	6,0	4,0	1,097	24,00	0,00
19.03.19	64,93	50,76	14,16	79,379	77,931	1,447	6,0	4,0	1,124	24,00	0,00
20.03.19	64,87	50,80	14,07	77,983	76,559	1,424	6,0	4,0	1,097	24,00	0,00
21.03.19	57,69	46,92	10,77	71,513	70,210	1,303	6,0	4,0	0,770	17,68	6,32
22.03.19	63,46	50,05	13,40	81,772	80,147	1,624	6,0	4,0	1,096	24,00	0,00
23.03.19	64,82	50,14	14,68	73,981	72,505	1,476	6,0	4,0	1,086	24,00	0,00
24.03.19	64,68	50,31	14,37	80,635	79,051	1,584	6,0	4,0	1,159	24,00	0,00
25.03.19	63,86	50,21	13,65	81,651	80,066	1,585	6,0	4,0	1,114	24,00	0,00
26.03.19	64,38	50,42	13,96	47,199	46,289	0,910	6,0	4,0	0,659	14,50	9,50
27.03.19	64,70	50,11	14,60	77,010	75,533	1,476	6,0	4,0	1,124	24,00	0,00
28.03.19	61,48	49,74	11,74	91,423	89,711	1,712	6,0	4,0	1,073	24,00	0,00
29.03.19	64,45	50,23	14,22	74,827	73,397	1,430	6,0	4,0	1,064	24,00	0,00
30.03.19	64,18	50,19	13,99	80,096	78,563	1,533	6,0	4,0	1,120	24,00	0,00
31.03.19	64,31	49,99	14,32	73,717	72,306	1,411	6,0	4,0	1,055	23,00	1,00
01.04.19	64,28	49,40	14,89	69,161	67,846	1,315	6,0	4,0	1,029	24,00	0,00
02.04.19	63,73	49,90	13,84	75,318	73,891	1,427	6,0	4,0	1,042	24,00	0,00
03.04.19	62,61	49,95	12,65	82,809	81,264	1,545	6,0	4,0	1,047	24,00	0,00
04.04.19	62,18	49,97	12,21	85,831	84,229	1,602	6,0	4,0	1,048	24,00	0,00
05.04.19	60,12	49,87	10,25	100,082	98,266	1,816	6,0	4,0	1,026	24,00	0,00
06.04.19	60,67	50,08	10,59	100,645	98,807	1,838	6,0	4,0	1,066	24,00	0,00
07.04.19	60,50	49,54	10,96	100,371	98,543	1,828	6,0	4,0	1,100	24,00	0,00
08.04.19	60,46	49,61	10,85	93,597	91,892	1,705	6,0	4,0	1,015	24,00	0,00
09.04.19	60,88	50,04	10,84	95,522	93,795	1,728	6,0	4,0	1,035	24,00	0,00
10.04.19	60,35	49,77	10,59	97,850	96,092	1,758	6,0	4,0	1,036	24,00	0,00
11.04.19	60,63	49,27	11,36	90,683	89,049	1,634	6,0	4,0	1,030	24,00	0,00
12.04.19	60,40	49,09	11,31	84,180	82,675	1,505	6,0	4,0	0,952	24,00	0,00
13.04.19	58,99	49,40	9,59	106,532	104,655	1,877	6,0	4,0	1,021	24,00	0,00
14.04.19	60,53	50,15	10,38	113,724	111,710	2,014	6,0	4,0	1,180	24,00	0,00
15.04.19	60,81	50,69	10,11	107,480	105,573	1,907	6,0	4,0	1,087	24,00	0,00
16.04.19	61,21	50,33	10,88	101,096	99,298	1,798	6,0	4,0	1,099	24,00	0,00
17.04.19	61,16	51,16	10,00	117,293	115,237	2,056	6,0	4,0	1,173	24,00	0,00
18.04.19	60,86	50,76	10,10	114,075	112,069	2,006	6,0	4,0	1,152	24,00	0,00
19.04.19	61,29	50,42	10,87	100,661	98,879	1,782	6,0	4,0	1,094	24,00	0,00
20.04.19	61,35	50,06	11,28	98,666	96,916	1,750	6,0	4,0	1,113	24,00	0,00
21.04.19	61,29	49,46	11,84	96,270	94,558	1,712	6,0	4,0	1,140	24,00	0,00
22.04.19	61,35	49,28	12,06	85,995	84,478	1,517	6,0	4,0	1,037	24,02	-0,02
23.04.19	61,14	49,08	12,06	84,972	83,474	1,498	6,0	4,0	1,024	24,00	0,00
24.04.19	60,80	49,66	11,14	91,449	89,841	1,608	6,0	4,0	1,018	24,00	0,00
25.04.19	60,35	50,08	10,26	100,694	98,941	1,753	6,0	4,0	1,033	24,00	0,00
26.04.19	60,66	50,06	10,59	97,482	95,778	1,704	6,0	4,0	1,033	24,00	0,00
27.04.19	60,52	50,22	10,29	106,707	104,841	1,866	6,0	4,0	1,098	24,00	0,00
28.04.19	60,80	50,00	10,81	105,720	103,870	1,850	6,0	4,0	1,142	24,00	0,00
29.04.19	60,99	50,94	10,05	111,841	109,902	1,939	6,0	4,0	1,124	24,00	0,00
30.04.19	60,07	50,34	9,72	111,411	109,483	1,929	6,0	4,0	1,083	24,00	0,00
01.05.19	58,75	49,47	9,29	121,326	119,242	2,084	6,0	4,0	1,126	24,00	0,00
02.05.19	58,77	49,46	9,31	112,842	110,908	1,934	6,0	4,0	1,050	24,00	0,00
03.05.19	58,80	49,55	9,25	112,188	110,273	1,915	6,0	4,0	1,038	24,00	0,00
04.05.19	58,38	49,44	8,94	110,300	108,426	1,875	6,0	4,0	0,986	24,00	0,00
05.05.19	55,10	46,24	8,86	102,406	100,682	1,724	6,0	4,0	0,907	24,00	0,00
06.05.19	57,08	46,06	11,02	69,279	68,114	1,165	6,0	4,0	0,763	24,00	0,00
07.05.19	58,63	46,27	12,36	43,383	42,656	0,726	6,0	4,0	0,536	24,00	0,00
08.05.19	58,75	50,28	8,47	36,338	35,771	0,568	6,0	4,0	0,308	24,00	0,00
09.05.19	62,95	51,98	10,97	33,010	32,495	0,515	6,0	4,0	0,362	24,00	0,00
10.05.19	64,03	51,05	12,99	28,297	27,868	0,430	6,0	4,0	0,368	24,00	0,00
11.05.19	64,40	51,29	13,11	29,302	28,856	0,446	6,0	4,0	0,384	24,00	0,00
12.05.19	65,13	50,62	14,51	26,669	26,280	0,390	6,0	4,0	0,387	24,00	0,00
13.05.19	64,61	51,40	13,21	25,801	25,431	0,370	6,0	4,0	0,341	24,00	0,00
14.05.19	65,01	51,05	13,96	26,654	26,269	0,384	6,0	4,0	0,372	24,00	0,00
15.05.19	65,58	50,87	14,72	25,640	25,277	0,363	6,0	4,0	0,377	24,00	0,00

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16.05.19	65,92	51,09	14,84	23,753	23,432	0,321	6,0	4,0	0,352	24,00	0,00
17.05.19	65,45	50,84	14,61	26,853	26,468	0,385	6,0	4,0	0,392	24,00	0,00
18.05.19	64,38	50,83	13,56	31,127	30,667	0,461	6,0	4,0	0,422	24,00	0,00
19.05.19	63,07	49,84	13,23	33,381	32,876	0,505	6,0	4,0	0,442	24,00	0,00
20.05.19	60,34	50,71	9,62	38,953	38,364	0,590	6,0	4,0	0,375	24,00	0,00
21.05.19	60,33	50,25	10,08	37,993	37,418	0,574	6,0	4,0	0,383	24,00	0,00
22.05.19	60,44	50,88	9,56	38,445	37,866	0,579	6,0	4,0	0,367	24,00	0,00
23.05.19	61,46	51,67	9,79	37,041	36,482	0,559	6,0	4,0	0,363	24,00	0,00
24.05.19	61,35	51,47	9,88	38,102	37,531	0,572	6,0	4,0	0,376	24,00	0,00
25.05.19	60,77	51,23	9,54	38,170	37,598	0,573	6,0	4,0	0,364	24,00	0,00
26.05.19	61,09	50,16	10,93	37,090	36,527	0,563	6,0	4,0	0,405	24,00	0,00
27.05.19	61,26	51,33	9,93	37,205	36,641	0,564	6,0	4,0	0,369	24,00	0,00
28.05.19	64,37	51,74	12,63	29,862	29,425	0,437	6,0	4,0	0,377	24,00	0,00
29.05.19	65,94	51,29	14,65	26,081	25,714	0,367	6,0	4,0	0,382	24,00	0,00
30.05.19	66,30	50,91	15,38	23,466	23,155	0,311	6,0	4,0	0,361	24,00	0,00
31.05.19	66,67	50,87	15,80	23,846	23,526	0,320	6,0	4,0	0,377	24,00	0,00
01.06.19	68,28	50,57	17,70	20,398	20,141	0,256	6,0	4,0	0,361	23,28	0,72
02.06.19	68,97	50,47	18,51	21,730	21,457	0,273	6,0	4,0	0,402	24,00	0,00
03.06.19	67,82	50,70	17,12	20,170	19,927	0,244	6,0	4,0	0,345	24,00	0,00
04.06.19	64,33	50,86	13,46	26,777	26,415	0,362	6,0	4,0	0,360	24,00	0,00
05.06.19	63,40	51,49	11,91	30,818	30,378	0,439	6,0	4,0	0,367	24,00	0,00
06.06.19	64,57	51,29	13,28	28,453	28,056	0,397	6,0	4,0	0,377	24,00	0,00
07.06.19	65,67	51,34	14,33	24,276	23,955	0,321	6,0	4,0	0,347	24,00	0,00
08.06.19	67,70	50,80	16,89	22,921	22,620	0,301	6,0	4,0	0,387	24,00	0,00
09.06.19	68,73	50,29	18,44	23,037	22,732	0,305	6,0	4,0	0,424	24,00	0,00
10.06.19	68,33	50,73	17,60	18,985	18,765	0,220	6,0	4,0	0,334	24,00	0,00
11.06.19	69,04	50,41	18,63	18,346	18,146	0,199	6,0	4,0	0,341	24,00	0,00
12.06.19	70,69	50,14	20,55	17,764	17,571	0,192	6,0	4,0	0,365	24,00	0,00
13.06.19	59,57	50,80	8,77	13,022	12,849	0,173	6,0	4,0	0,114	10,33	13,67
14.06.19	-	-	-	-	-	-	-	-	-	-	-
15.06.19	-	-	-	-	-	-	-	-	-	-	-
16.06.19	-	-	-	-	-	-	-	-	-	-	-
17.06.19	-	-	-	-	-	-	-	-	-	-	-
18.06.19	-	-	-	-	-	-	-	-	-	-	-
19.06.19	-	-	-	-	-	-	-	-	-	-	-
20.06.19	-	-	-	-	-	-	-	-	-	-	-
21.06.19	16,12	15,80	0,32	0,005	0,005	0,000	6,0	4,0	0,000	9,87	14,13
22.06.19	15,75	15,12	0,63	0,000	0,000	0,000	6,0	4,0	0,000	15,88	8,12
23.06.19	0,00	0,00	0,00	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
24.06.19	0,00	0,00	0,00	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
25.06.19	0,00	0,00	0,00	0,000	0,000	0,000	6,0	4,0	0,000	0,00	24,00
26.06.19	15,89	15,43	0,46	0,000	0,000	0,000	6,0	4,0	0,000	18,43	5,57
27.06.19	53,37	40,93	12,45	4,221	4,160	0,061	6,0	4,0	0,052	12,63	11,37
28.06.19	63,02	54,22	8,79	33,510	33,012	0,498	6,0	4,0	0,294	24,00	0,00
29.06.19	61,48	52,26	9,21	41,404	40,753	0,651	6,0	4,0	0,381	24,00	0,00
30.06.19	60,70	52,15	8,54	41,900	41,249	0,651	6,0	4,0	0,357	24,00	0,00
01.07.19	62,91	54,73	8,18	40,861	40,227	0,634	6,0	4,0	0,334	24,00	0,00
02.07.19	62,35	54,01	8,34	39,570	38,955	0,615	6,0	4,0	0,330	24,00	0,00
03.07.19	65,71	55,98	9,73	38,546	37,949	0,597	6,0	4,0	0,375	24,00	0,00
04.07.19	62,45	54,15	8,30	38,713	38,122	0,592	6,0	4,0	0,321	24,03	-0,03
05.07.19	63,54	52,16	11,38	28,275	27,870	0,406	6,0	4,0	0,322	24,00	0,00
06.07.19	60,02	48,91	11,12	29,524	29,098	0,425	6,0	4,0	0,328	24,00	0,00
07.07.19	65,95	51,27	14,68	25,961	25,602	0,358	6,0	4,0	0,381	24,00	0,00
08.07.19	59,92	49,66	10,26	29,447	29,053	0,394	6,0	4,0	0,302	23,83	0,17
09.07.19	60,17	51,50	8,68	38,062	37,526	0,536	6,0	4,0	0,330	24,00	0,00
10.07.19	62,62	51,90	10,72	31,651	31,209	0,442	6,0	4,0	0,339	24,00	0,00
11.07.19	63,03	51,94	11,09	28,998	28,605	0,393	6,0	4,0	0,321	24,00	0,00
12.07.19	63,64	52,02	11,62	26,914	26,563	0,351	6,0	4,0	0,313	24,00	0,00
13.07.19	65,71	51,40	14,31	23,052	22,774	0,279	6,0	4,0	0,330	24,00	0,00
14.07.19	67,12	50,99	16,13	21,432	21,192	0,240	6,0	4,0	0,346	24,00	0,00
15.07.19	65,63	51,51	14,12	21,786	21,543	0,243	6,0	4,0	0,308	24,00	0,00
16.07.19	61,60	49,54	12,07	24,998	24,706	0,293	6,0	4,0	0,302	24,00	0,00
17.07.19	43,88	40,59	3,29	14,592	14,408	0,184	6,0	4,0	0,048	15,97	8,03
18.07.19	31,45	29,72	1,73	26,599	26,247	0,352	6,0	4,0	0,046	23,82	0,18
19.07.19	46,68	43,22	3,46	64,256	63,355	0,901	6,0	4,0	0,222	24,00	0,00
20.07.19	60,03	52,82	7,21	45,278	44,637	0,641	6,0	4,0	0,326	22,33	1,67
21.07.19	63,69	51,96	11,74	30,798	30,384	0,414	6,0	4,0	0,361	24,00	0,00
22.07.19	62,80	52,46	10,35	29,610	29,204	0,406	6,0	4,0	0,306	24,00	0,00
23.07.19	62,89	52,25	10,64	28,550	28,167	0,383	6,0	4,0	0,304	24,00	0,00
24.07.19	63,91	52,15	11,76	24,496	24,181	0,315	6,0	4,0	0,288	24,00	0,00
25.07.19	66,46	51,32	15,14	19,260	19,050	0,209	6,0	4,0	0,292	24,00	0,00
26.07.19	68,01	50,86	17,15	17,451	17,279	0,172	6,0	4,0	0,299	24,00	0,00
27.07.19	68,06	50,81	17,25	17,539	17,369	0,169	6,0	4,0	0,303	24,00	0,00
28.07.19	67,80	50,78	17,02	20,513	20,280	0,233	6,0	4,0	0,349	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.
29.07.19	62,99	51,98	11,00	26,575	26,248	0,327	6,0	4,0	0,292	24,00	0,00
30.07.19	50,34	45,62	4,72	44,934	44,314	0,620	6,0	4,0	0,212	24,00	0,00
31.07.19	28,46	27,75	0,70	52,737	52,058	0,679	6,0	4,0	0,037	24,00	0,00
01.08.19	22,97	22,74	0,24	38,303	37,820	0,482	6,0	4,0	0,009	17,27	6,73
02.08.19	25,10	24,53	0,56	42,611	42,065	0,546	6,0	4,0	0,024	17,48	6,52
03.08.19	49,73	44,35	5,39	60,954	60,104	0,851	6,0	4,0	0,328	24,00	0,00
04.08.19	59,59	52,15	7,44	52,826	52,076	0,750	6,0	4,0	0,393	24,00	0,00
05.08.19	62,04	52,56	9,49	31,801	31,376	0,424	6,0	4,0	0,302	24,00	0,00
06.08.19	64,74	51,49	13,25	24,578	24,266	0,312	6,0	4,0	0,326	24,00	0,00
07.08.19	65,26	51,36	13,90	23,367	23,077	0,290	6,0	4,0	0,325	24,00	0,00
08.08.19	66,08	51,08	15,00	21,273	21,012	0,262	6,0	4,0	0,319	24,00	0,00
09.08.19	66,10	51,06	15,04	20,190	19,948	0,243	6,0	4,0	0,304	24,00	0,00
10.08.19	67,33	50,67	16,66	20,512	20,264	0,248	6,0	4,0	0,342	24,00	0,00
11.08.19	68,49	50,41	18,08	20,615	20,383	0,232	6,0	4,0	0,373	24,00	0,00
12.08.19	67,90	50,67	17,23	18,838	18,646	0,191	6,0	4,0	0,325	24,00	0,00
13.08.19	68,12	50,55	17,58	17,837	17,665	0,172	6,0	4,0	0,313	24,00	0,00
14.08.19	65,92	51,21	14,71	22,371	22,102	0,269	6,0	4,0	0,329	24,00	0,00
15.08.19	67,06	50,92	16,14	19,868	19,646	0,222	6,0	4,0	0,321	24,00	0,00
16.08.19	68,03	50,73	17,30	17,906	17,734	0,172	6,0	4,0	0,310	24,00	0,00
17.08.19	69,25	50,36	18,89	17,766	17,599	0,168	6,0	4,0	0,336	24,00	0,00
18.08.19	69,92	50,21	19,71	18,197	18,020	0,178	6,0	4,0	0,359	24,00	0,00
19.08.19	68,62	50,50	18,12	17,858	17,690	0,169	6,0	4,0	0,324	24,00	0,00
20.08.19	69,45	50,35	19,10	16,086	15,952	0,135	6,0	4,0	0,307	24,02	-0,02
21.08.19	69,74	50,14	19,60	16,453	16,307	0,146	6,0	4,0	0,322	24,00	0,00
22.08.19	64,81	51,74	13,07	22,995	22,741	0,254	6,0	4,0	0,301	24,00	0,00
23.08.19	65,68	51,35	14,32	21,273	21,034	0,240	6,0	4,0	0,305	24,00	0,00
24.08.19	68,46	50,54	17,92	16,815	16,661	0,154	6,0	4,0	0,301	24,00	0,00
25.08.19	69,40	50,25	19,15	20,957	20,722	0,235	6,0	4,0	0,401	24,00	0,00
26.08.19	67,83	50,76	17,07	19,470	19,240	0,230	6,0	4,0	0,332	24,00	0,00
27.08.19	67,00	50,84	16,17	19,514	19,314	0,199	6,0	4,0	0,315	24,00	0,00
28.08.19	66,79	50,96	15,83	19,156	18,959	0,197	6,0	4,0	0,303	24,00	0,00
29.08.19	66,24	50,97	15,27	21,928	21,682	0,246	6,0	4,0	0,335	24,00	0,00
30.08.19	65,26	51,24	14,02	22,031	21,784	0,247	6,0	4,0	0,309	24,00	0,00
31.08.19	65,44	51,32	14,12	20,896	20,648	0,248	6,0	4,0	0,295	20,87	3,13
01.09.19	65,53	51,12	14,41	27,171	26,814	0,356	6,0	4,0	0,391	24,00	0,00
02.09.19	63,24	52,02	11,23	30,739	30,330	0,410	6,0	4,0	0,345	24,00	0,00
03.09.19	63,42	51,96	11,46	27,934	27,577	0,357	6,0	4,0	0,320	24,00	0,00
04.09.19	63,41	51,81	11,60	29,853	29,462	0,391	6,0	4,0	0,346	24,00	0,00
05.09.19	62,04	52,52	9,51	36,450	35,949	0,501	6,0	4,0	0,347	24,00	0,00
06.09.19	61,22	52,58	8,64	38,771	38,238	0,533	6,0	4,0	0,335	24,00	0,00
07.09.19	61,25	52,67	8,58	39,972	39,419	0,553	6,0	4,0	0,343	24,00	0,00
08.09.19	61,31	52,05	9,26	42,078	41,483	0,595	6,0	4,0	0,389	24,00	0,00
09.09.19	59,63	52,29	7,35	48,214	47,535	0,679	6,0	4,0	0,354	24,00	0,00
10.09.19	60,68	52,56	8,12	42,432	41,844	0,588	6,0	4,0	0,345	24,00	0,00
11.09.19	61,29	52,75	8,54	38,548	38,029	0,519	6,0	4,0	0,329	24,00	0,00
12.09.19	60,61	48,65	11,96	26,872	26,551	0,322	6,0	4,0	0,321	24,00	0,00
13.09.19	40,59	37,45	3,15	56,104	55,351	0,752	6,0	4,0	0,176	24,00	0,00
14.09.19	56,95	51,13	5,83	54,752	53,967	0,785	6,0	4,0	0,319	24,00	0,00
15.09.19	60,11	52,45	7,66	49,650	48,947	0,704	6,0	4,0	0,380	24,00	0,00
16.09.19	60,14	52,64	7,50	46,822	46,124	0,698	6,0	4,0	0,351	24,00	0,00
17.09.19	59,50	52,16	7,34	47,419	46,765	0,654	6,0	4,0	0,348	24,00	0,00
18.09.19	58,44	51,72	6,72	48,653	47,979	0,673	6,0	4,0	0,327	24,00	0,00
19.09.19	58,96	50,81	8,15	47,847	47,122	0,725	6,0	4,0	0,390	24,00	0,00
20.09.19	57,17	46,59	10,58	42,846	42,204	0,642	6,0	4,0	0,453	24,00	0,00
21.09.19	56,64	44,42	12,21	39,619	39,029	0,590	6,0	4,0	0,484	24,00	0,00
22.09.19	56,35	43,05	13,31	38,501	37,925	0,577	6,0	4,0	0,512	24,00	0,00
23.09.19	50,29	44,90	5,39	116,797	114,248	2,549	6,0	4,0	0,629	23,80	0,20
24.09.19	57,66	51,20	6,46	157,805	155,045	2,760	6,0	4,0	1,019	24,02	-0,02
25.09.19	59,51	50,80	8,71	116,918	114,975	1,943	6,0	4,0	1,018	24,00	0,00
26.09.19	37,34	34,55	2,80	180,312	177,615	2,697	6,0	4,0	0,504	23,82	0,18
27.09.19	50,35	45,44	4,91	185,592	182,655	2,937	6,0	4,0	0,911	24,00	0,00
28.09.19	59,11	50,99	8,11	124,406	122,271	2,135	6,0	4,0	1,009	24,00	0,00
29.09.19	59,02	50,98	8,03	132,321	130,015	2,306	6,0	4,0	1,063	24,00	0,00
30.09.19	59,36	50,51	8,85	107,254	105,417	1,837	6,0	4,0	0,949	24,00	0,00
01.10.19	59,16	50,58	8,58	114,286	112,338	1,948	6,0	4,0	0,980	24,00	0,00
02.10.19	59,32	49,59	9,73	94,717	93,086	1,632	6,0	4,0	0,921	24,00	0,00
03.10.19	59,44	49,44	10,00	89,793	88,292	1,501	6,0	4,0	0,898	24,00	0,00
04.10.19	59,28	49,34	9,94	89,252	87,767	1,485	6,0	4,0	0,887	24,00	0,00
05.10.19	58,81	49,59	9,23	95,601	94,006	1,596	6,0	4,0	0,882	24,00	0,00
06.10.19	59,04	49,99	9,04	105,877	104,086	1,791	6,0	4,0	0,957	24,00	0,00
07.10.19	58,18	51,08	7,11	126,833	124,699	2,134	6,0	4,0	0,901	24,00	0,00
08.10.19	58,87	50,05	8,81	100,243	98,561	1,682	6,0	4,0	0,883	24,00	0,00
09.10.19	58,68	50,50	8,18	110,569	108,706	1,863	6,0	4,0	0,904	24,00	0,00
10.10.19	58,95	50,81	8,14	119,144	117,147	1,997	6,0	4,0	0,969	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.
11.10.19	59,22	51,04	8,19	121,161	119,136	2,026	6,0	4,0	0,992	24,00	0,00
12.10.19	59,28	50,00	9,28	99,523	97,845	1,678	6,0	4,0	0,924	24,00	0,00
13.10.19	58,93	50,47	8,46	115,256	113,312	1,945	6,0	4,0	0,974	24,00	0,00
14.10.19	59,12	50,23	8,89	105,514	103,744	1,769	6,0	4,0	0,938	24,00	0,00
15.10.19	59,02	50,30	8,72	104,715	102,965	1,750	6,0	4,0	0,913	24,00	0,00
16.10.19	59,18	51,08	8,09	125,265	123,158	2,106	6,0	4,0	1,013	24,00	0,00
17.10.19	58,62	51,36	7,26	139,911	137,576	2,335	6,0	4,0	1,016	24,00	0,00
18.10.19	58,71	51,70	7,01	148,375	145,908	2,467	6,0	4,0	1,040	24,00	0,00
19.10.19	59,06	52,09	6,97	157,000	154,342	2,658	6,0	4,0	1,093	24,00	0,00
20.10.19	58,77	52,53	6,24	177,759	174,731	3,027	6,0	4,0	1,110	24,00	0,00
21.10.19	59,36	51,83	7,54	139,279	136,909	2,371	6,0	4,0	1,049	24,00	0,00
22.10.19	59,35	51,24	8,11	127,610	125,439	2,171	6,0	4,0	1,035	24,00	0,00
23.10.19	58,88	51,63	7,25	143,295	140,863	2,432	6,0	4,0	1,038	24,00	0,00
24.10.19	59,32	51,00	8,32	120,983	118,939	2,044	6,0	4,0	1,006	24,00	0,00
25.10.19	59,14	51,26	7,88	127,533	125,401	2,132	6,0	4,0	1,005	24,00	0,00
26.10.19	59,05	50,59	8,47	114,157	112,236	1,921	6,0	4,0	0,966	24,00	0,00
27.10.19	58,77	50,76	8,01	132,286	130,038	2,247	6,0	4,0	1,060	25,00	-1,00
28.10.19	58,97	51,04	7,93	124,914	122,807	2,107	6,0	4,0	0,990	24,00	0,00
29.10.19	59,03	52,39	6,64	162,833	160,096	2,737	6,0	4,0	1,081	24,00	0,00
30.10.19	59,24	52,88	6,35	170,460	167,583	2,876	6,0	4,0	1,083	24,00	0,00
31.10.19	58,97	52,86	6,12	183,317	180,206	3,110	6,0	4,0	1,121	24,00	0,00
01.11.19	59,10	52,89	6,21	177,467	174,446	3,021	6,0	4,0	1,102	24,00	0,00
02.11.19	59,24	52,80	6,45	185,389	182,210	3,179	6,0	4,0	1,195	24,00	0,00
03.11.19	59,65	52,44	7,21	154,709	152,056	2,653	6,0	4,0	1,116	24,00	0,00
04.11.19	58,75	52,61	6,14	196,023	192,669	3,354	6,0	4,0	1,204	24,00	0,00
05.11.19	60,18	51,34	8,85	122,483	120,370	2,112	6,0	4,0	1,083	24,00	0,00
06.11.19	61,00	50,40	10,61	93,803	92,181	1,623	6,0	4,0	0,995	22,92	1,08
07.11.19	60,95	50,28	10,67	98,647	96,931	1,717	6,0	4,0	1,052	24,00	0,00
08.11.19	60,65	52,17	8,47	132,655	130,374	2,281	6,0	4,0	1,124	24,00	0,00
09.11.19	60,51	53,15	7,36	159,376	156,639	2,737	6,0	4,0	1,173	24,00	0,00
10.11.19	60,81	53,06	7,75	161,791	159,001	2,791	6,0	4,0	1,254	24,00	0,00
11.11.19	61,34	51,82	9,52	117,899	115,856	2,043	6,0	4,0	1,122	24,00	0,00
12.11.19	60,80	51,36	9,44	113,438	111,480	1,958	6,0	4,0	1,070	24,00	0,00
13.11.19	60,68	52,37	8,31	139,385	136,997	2,388	6,0	4,0	1,158	24,00	0,00
14.11.19	61,35	53,80	7,55	164,386	161,571	2,815	6,0	4,0	1,241	24,00	0,00
15.11.19	61,84	53,18	8,65	137,098	134,727	2,371	6,0	4,0	1,186	24,00	0,00
16.11.19	61,08	51,51	9,56	115,674	113,674	2,001	6,0	4,0	1,106	24,00	0,00
17.11.19	61,10	51,44	9,66	121,187	119,084	2,103	6,0	4,0	1,171	24,00	0,00
18.11.19	63,15	52,47	10,68	109,956	108,039	1,917	6,0	4,0	1,175	24,00	0,00
19.11.19	75,33	55,12	20,21	65,928	64,697	1,231	6,0	4,0	1,333	24,00	0,00
20.11.19	76,11	54,02	22,09	60,118	58,964	1,154	6,0	4,0	1,329	24,00	0,00
21.11.19	72,04	52,90	19,15	67,774	66,485	1,289	6,0	4,0	1,298	24,00	0,00
22.11.19	66,54	51,79	14,75	80,951	79,457	1,494	6,0	4,0	1,194	24,00	0,00
23.11.19	65,58	51,27	14,31	86,424	84,833	1,591	6,0	4,0	1,237	24,00	0,00
24.11.19	65,71	51,08	14,63	81,915	80,415	1,500	6,0	4,0	1,198	24,00	0,00
25.11.19	65,46	52,61	12,85	94,547	92,831	1,715	6,0	4,0	1,215	24,00	0,00
26.11.19	65,65	52,77	12,88	91,223	89,580	1,643	6,0	4,0	1,175	24,00	0,00
27.11.19	65,77	52,82	12,95	92,167	90,501	1,667	6,0	4,0	1,194	24,00	0,00
28.11.19	65,62	51,92	13,70	84,116	82,592	1,524	6,0	4,0	1,153	24,00	0,00
29.11.19	66,05	51,31	14,74	77,675	76,248	1,427	6,0	4,0	1,145	24,00	0,00
30.11.19	65,82	52,33	13,49	89,783	88,157	1,626	6,0	4,0	1,211	24,00	0,00
01.12.19	65,60	52,41	13,19	95,937	94,185	1,752	6,0	4,0	1,265	24,00	0,00
02.12.19	65,69	52,54	13,15	85,747	84,196	1,551	6,0	4,0	1,128	24,00	0,00
03.12.19	65,52	52,49	13,03	89,749	88,128	1,620	6,0	4,0	1,170	24,00	0,00
04.12.19	65,81	53,27	12,54	96,259	94,517	1,742	6,0	4,0	1,207	24,00	0,00
05.12.19	66,17	53,04	13,13	90,954	89,299	1,654	6,0	4,0	1,194	24,00	0,00
06.12.19	65,76	52,33	13,43	84,460	82,924	1,535	6,0	4,0	1,134	24,00	0,00
07.12.19	66,26	50,16	16,10	67,553	66,301	1,252	6,0	4,0	1,088	24,00	0,00
08.12.19	65,82	50,43	15,39	75,172	73,788	1,385	6,0	4,0	1,157	24,00	0,00
09.12.19	66,22	50,17	16,06	70,007	68,715	1,293	6,0	4,0	1,124	24,00	0,00
10.12.19	66,07	50,37	15,70	68,220	66,962	1,258	6,0	4,0	1,071	24,00	0,00
11.12.19	66,44	50,19	16,25	67,157	65,914	1,242	6,0	4,0	1,092	24,00	0,00
12.12.19	65,93	51,37	14,56	76,455	75,063	1,392	6,0	4,0	1,113	24,00	0,00
13.12.19	66,31	52,12	14,19	81,077	79,600	1,477	6,0	4,0	1,150	24,00	0,00
14.12.19	65,74	52,29	13,45	87,416	85,836	1,580	6,0	4,0	1,176	24,00	0,00
15.12.19	65,91	52,99	12,92	96,547	94,799	1,749	6,0	4,0	1,247	24,00	0,00
16.12.19	66,12	51,78	14,34	80,306	78,849	1,457	6,0	4,0	1,151	23,98	0,02
17.12.19	66,25	51,47	14,78	79,675	78,221	1,455	6,0	4,0	1,178	24,00	0,00
18.12.19	65,72	52,39	13,33	87,854	86,266	1,587	6,0	4,0	1,171	24,00	0,00
19.12.19	65,81	51,78	14,03	80,725	79,264	1,461	6,0	4,0	1,132	24,00	0,00
20.12.19	65,58	52,15	13,43	87,150	85,583	1,567	6,0	4,0	1,171	24,00	0,00
21.12.19	66,25	54,50	11,75	109,506	107,546	1,960	6,0	4,0	1,287	24,00	0,00
22.12.19	66,82	54,18	12,64	101,436	99,611	1,825	6,0	4,0	1,282	24,00	0,00
23.12.19	66,44	52,65	13,79	87,583	86,008	1,575	6,0	4,0	1,208	23,95	0,05

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.
24.12.19	65,53	51,02	14,51	79,641	78,196	1,445	6,0	4,0	1,156	24,00	0,00
25.12.19	67,66	50,52	17,14	64,902	63,707	1,195	6,0	4,0	1,112	24,00	0,00
26.12.19	68,46	50,46	18,00	61,049	59,917	1,132	6,0	4,0	1,099	24,00	0,00
27.12.19	68,25	51,83	16,42	74,100	72,736	1,363	6,0	4,0	1,217	24,00	0,00
28.12.19	68,23	52,66	15,57	77,229	75,814	1,415	6,0	4,0	1,202	24,00	0,00
29.12.19	68,75	54,14	14,61	89,163	87,543	1,621	6,0	4,0	1,303	24,00	0,00
30.12.19	76,66	55,12	21,54	65,469	64,206	1,263	6,0	4,0	1,411	24,00	0,00
31.12.19	71,92	52,98	18,94	68,411	67,119	1,292	6,0	4,0	1,296	24,00	0,00
Итого	61,16	49,05	12,11	25373,816	24934,948	438,868	5,88	3,92	296,575	8421,32	170,68



Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Представитель обслуживающей организации:

