

Ведомость учета среднечасового отпуска тепловой энергии в системе отопления
за период с 23.09.20 г. по 22.10.20 г.

: 15

15,

: -9.2.1

: 00002304

1

1.3

T = 5,00 °C

= G max= 75,00 3/ G min= 0,30 3/ = 10 /
 = G max= 75,00 3/ G min= 0,30 3/ = 10 /
 = G max= 75,00 3/ G min= 0,00 3/ = 10 /

	Q _г	Q _д	M, V, 3									°C				P1	P2	P3()	T	T /	
							+dM	-dM	dV	/		t1	t2	dt=t1-t2	t3()						
			M1	V1	M2	V2				M3()	V3()										
23.09.20	3.18	0.00	257.81	262.03	252.87	255.77	4.94		6.26	0.00	0.00	60.12	48.64	11.48	48.61	0.50	0.41	0.52	24.00	0.00	2
24.09.20	3.22	0.00	254.93	258.82	249.86	252.90	5.06		5.92	0.00	0.00	59.78	48.02	11.76	47.95	0.50	0.41	0.52	24.00	0.00	2
25.09.20	3.28	0.00	257.79	261.90	253.49	256.37	4.30		5.53	0.00	0.00	59.82	47.81	12.01	47.77	0.50	0.41	0.52	24.00	0.00	2
26.09.20	3.45	0.00	258.67	262.70	252.45	255.44	6.22		7.26	0.00	0.00	60.02	47.73	12.29	47.66	0.50	0.41	0.52	24.00	0.00	2
27.09.20	3.44	0.00	257.88	261.65	249.61	252.42	8.26		9.23	0.00	0.00	58.30	46.30	12.00	46.22	0.50	0.41	0.52	24.00	0.00	2
28.09.20	3.52	0.00	258.78	262.73	252.14	255.04	6.64		7.69	0.00	0.00	59.49	47.00	12.49	46.94	0.50	0.41	0.52	24.00	0.00	2
29.09.20	3.56	0.00	258.13	262.29	251.84	254.53	6.29		7.76	0.00	0.00	59.62	46.87	12.75	46.84	0.50	0.41	0.52	24.00	0.00	2
30.09.20	3.55	0.00	260.61	264.57	254.91	257.74	5.70		6.83	0.00	0.00	59.08	46.38	12.70	46.32	0.50	0.40	0.52	24.00	0.00	2
01.10.20	3.75	0.00	253.24	257.33	247.78	250.69	5.46		6.64	0.00	0.00	61.15	47.29	13.86	47.25	0.49	0.40	0.52	24.00	0.00	2
02.10.20	3.90	0.00	247.96	252.21	241.68	244.57	6.28		7.64	0.00	0.00	62.69	48.06	14.63	48.00	0.49	0.40	0.52	24.00	0.00	2
03.10.20	3.92	0.00	248.90	253.15	242.39	245.38	6.51		7.77	0.00	0.00	63.01	48.43	14.58	48.36	0.49	0.40	0.52	24.00	0.00	2
04.10.20	3.92	0.00	249.66	253.93	242.05	245.05	7.62		8.88	0.00	0.00	62.96	48.62	14.34	48.56	0.49	0.40	0.52	24.00	0.00	2
05.10.20	3.81	0.00	249.19	253.61	243.18	246.07	6.01		7.54	0.00	0.00	63.07	48.84	14.23	48.80	0.49	0.40	0.52	24.00	0.00	2
06.10.20	3.90	0.00	249.95	254.47	244.13	246.87	5.82		7.60	0.00	0.00	62.94	48.35	14.59	48.33	0.49	0.40	0.52	24.00	0.00	2
07.10.20	3.92	0.00	247.08	251.57	241.56	244.27	5.53		7.30	0.00	0.00	63.15	48.26	14.89	48.24	0.49	0.40	0.52	24.00	0.00	2
08.10.20	3.91	0.00	240.09	244.20	233.79	236.56	6.30		7.64	0.00	0.00	62.78	47.65	15.13	47.58	0.48	0.40	0.52	24.00	0.00	2
09.10.20	3.88	0.00	243.63	247.94	238.67	241.30	4.96		6.64	0.00	0.00	62.53	47.48	15.05	47.45	0.49	0.40	0.52	24.00	0.00	2
10.10.20	4.06	0.00	253.39	257.71	245.76	248.70	7.62		9.01	0.00	0.00	62.65	47.96	14.69	47.90	0.50	0.41	0.52	24.00	0.00	2
11.10.20	4.08	0.00	253.42	257.75	245.26	248.12	8.15		9.63	0.00	0.00	62.42	47.71	14.71	47.66	0.50	0.41	0.52	24.00	0.00	2
12.10.20	3.95	0.00	250.14	254.39	244.17	246.99	5.97		7.40	0.00	0.00	62.23	47.50	14.73	47.45	0.50	0.41	0.52	24.00	0.00	2
13.10.20	3.90	0.00	249.51	253.68	243.48	246.47	6.03		7.21	0.00	0.00	62.57	48.02	14.55	47.94	0.50	0.41	0.52	24.00	0.00	2
14.10.20	3.88	0.00	248.93	253.20	242.91	245.78	6.02		7.42	0.00	0.00	62.55	48.02	14.53	47.96	0.50	0.41	0.52	24.00	0.00	2
15.10.20	3.80	0.00	248.38	252.49	242.54	245.55	5.84		6.94	0.00	0.00	62.44	48.19	14.25	48.11	0.50	0.41	0.52	24.00	0.00	2
16.10.20	3.95	0.00	248.12	252.42	241.75	244.57	6.37		7.85	0.00	0.00	62.69	47.89	14.80	47.84	0.50	0.41	0.52	24.00	0.00	2
17.10.20	3.86	0.00	249.67	253.90	244.09	247.14	5.59		6.76	0.00	0.00	62.98	48.51	14.47	48.43	0.50	0.41	0.52	24.00	0.00	2
18.10.20	3.79	0.00	251.40	255.58	244.03	247.18	7.37		8.40	0.00	0.00	62.75	49.00	13.75	48.91	0.50	0.41	0.52	24.00	0.00	2
19.10.20	3.85	0.00	249.49	253.71	243.32	246.26	6.17		7.45	0.00	0.00	62.52	48.17	14.35	48.10	0.50	0.41	0.52	24.00	0.00	2
20.10.20	3.89	0.00	249.10	253.35	243.02	245.93	6.08		7.42	0.00	0.00	62.61	48.09	14.52	48.03	0.50	0.41	0.52	24.00	0.00	2
21.10.20	3.77	0.00	249.51	253.85	244.87	247.81	4.64		6.04	0.00	0.00	62.86	48.60	14.26	48.55	0.50	0.41	0.52	24.00	0.00	2
22.10.20	3.69	0.00	250.42	254.77	245.36	248.36	5.06		6.41	0.00	0.00	62.84	49.03	13.81	48.98	0.50	0.41	0.52	24.00	0.00	2
	112.58	0.00	7545.78	7671.95	7362.97	7449.88	182.82	0.00	222.07	0.00	0.00								720.00	0.00	

$$T = \quad + \max + T_{min} + T_{dt} + T$$

$$720.00 = 720.00 + 0.00 + 0.00 + 0.00 + 0.00$$

	24-00	24-00	
	1074.35	1186.93	112.58
	0.01	0.01	0.00
	63805.13	71350.91	7545.78
	60577.27	67940.24	7362.97
()	0.20	0.20	0.00
	8826.25	9546.25	720.00
max + T _{min} + T _{dt} + T	1238.80	1238.80	0.00

Ведомость учета среднечасового отпуска тепловой энергии в системе отопления
за период с 23.09.20 г. по 22.10.20 г.

: 15

15,

: -9.2.1

: 00002304

2

1.1

T = 5,00 °C

= G max= 12,00 3/ G min= 0,00 3/ = 10 /
 = G max= 3,00 3/ G min= 0,00 3/ = 1 /
 = G max= 0,00 3/ G min= 0,00 3/ = 1 /

	Q	Q	M, V, 3									°C							T	T /
							+dM	-dM	dV	/		t1	t2	dt=t1-t2	t3()	P1	P2	P3()		
			M1	V1	M2	V2				M3()	V3()									
23.09.20	1.86	---	55.59	56.53	23.74	24.08	31.86		32.45	---	---	60.12	55.68	4.44	---	0.46	0.41	---	24.00	0.00
24.09.20	1.81	---	54.62	55.53	23.57	23.90	31.05		31.63	---	---	59.82	55.38	4.44	---	0.46	0.41	---	24.00	0.00
25.09.20	1.81	---	55.38	56.30	24.21	24.56	31.17		31.74	---	---	59.82	55.47	4.35	---	0.46	0.41	---	24.00	0.00
26.09.20	1.91	---	56.85	57.81	24.13	24.48	32.73		33.33	---	---	60.08	55.61	4.47	---	0.46	0.41	---	24.00	0.00
27.09.20	1.93	---	58.04	58.96	23.73	24.05	34.31		34.91	---	---	58.30	54.13	4.17	---	0.46	0.41	---	24.00	0.00
28.09.20	1.92	---	57.78	58.73	24.47	24.82	33.31		33.91	---	---	59.55	55.17	4.38	---	0.46	0.41	---	24.00	0.00
29.09.20	1.92	---	57.62	58.57	24.34	24.69	33.28		33.88	---	---	59.62	55.23	4.39	---	0.46	0.41	---	24.00	0.00
30.09.20	1.88	---	57.73	58.67	24.90	25.25	32.83		33.42	---	---	59.11	54.77	4.34	---	0.46	0.41	---	24.00	0.00
01.10.20	1.90	---	55.74	56.72	24.11	24.47	31.63		32.25	---	---	61.26	56.26	5.00	---	0.45	0.40	---	24.00	0.00
02.10.20	1.97	---	55.52	56.54	23.49	23.86	32.03		32.68	---	---	62.72	57.63	5.09	---	0.45	0.40	---	24.00	0.00
03.10.20	2.00	---	56.27	57.31	23.81	24.18	32.46		33.13	---	---	63.06	58.01	5.05	---	0.45	0.40	---	24.00	0.00
04.10.20	2.08	---	57.56	58.62	23.79	24.16	33.77		34.46	---	---	63.03	58.03	5.00	---	0.45	0.40	---	24.00	0.00
05.10.20	2.03	---	57.02	58.08	24.18	24.56	32.85		33.52	---	---	63.08	58.16	4.92	---	0.45	0.40	---	24.00	0.00
06.10.20	2.00	---	56.93	57.98	24.45	24.83	32.49		33.15	---	---	62.93	57.99	4.94	---	0.45	0.40	---	24.00	0.00
07.10.20	1.99	---	56.22	57.26	24.00	24.38	32.22		32.88	---	---	63.15	58.05	5.10	---	0.45	0.40	---	24.00	0.00
08.10.20	1.95	---	54.81	55.82	23.08	23.43	31.74		32.39	---	---	62.81	57.60	5.21	---	0.45	0.40	---	24.00	0.00
09.10.20	1.92	---	54.93	55.93	23.68	24.05	31.25		31.88	---	---	62.52	57.33	5.19	---	0.45	0.41	---	24.00	0.00
10.10.20	2.11	---	58.58	59.65	24.14	24.51	34.44		35.14	---	---	62.71	57.63	5.08	---	0.46	0.41	---	24.00	0.00
11.10.20	2.12	---	58.74	59.81	23.97	24.34	34.77		35.47	---	---	62.45	57.37	5.08	---	0.46	0.41	---	24.00	0.00
12.10.20	1.98	---	56.52	57.54	24.05	24.41	32.47		33.13	---	---	62.27	57.12	5.15	---	0.46	0.41	---	24.00	0.00
13.10.20	1.96	---	56.02	57.04	24.11	24.48	31.91		32.56	---	---	62.64	57.52	5.12	---	0.46	0.41	---	24.00	0.00
14.10.20	1.97	---	56.00	57.02	23.98	24.35	32.02		32.67	---	---	62.59	57.47	5.12	---	0.46	0.41	---	24.00	0.00
15.10.20	1.94	---	55.60	56.61	24.01	24.39	31.59		32.22	---	---	62.50	57.49	5.01	---	0.46	0.41	---	24.00	0.00
16.10.20	1.98	---	55.99	57.01	23.86	24.23	32.12		32.78	---	---	62.72	57.60	5.12	---	0.46	0.41	---	24.00	0.00
17.10.20	1.95	---	55.77	56.80	24.28	24.66	31.49		32.14	---	---	63.05	57.96	5.09	---	0.46	0.41	---	24.00	0.00
18.10.20	2.04	---	57.38	58.43	24.03	24.41	33.35		34.02	---	---	62.79	57.96	4.83	---	0.46	0.41	---	24.00	0.00
19.10.20	1.99	---	56.52	57.55	24.10	24.47	32.42		33.08	---	---	62.57	57.59	4.98	---	0.46	0.41	---	24.00	0.00
20.10.20	1.99	---	56.45	57.48	24.07	24.45	32.38		33.03	---	---	62.66	57.58	5.08	---	0.46	0.41	---	24.00	0.00
21.10.20	1.94	---	55.79	56.82	24.44	24.83	31.35		31.99	---	---	62.88	57.90	4.98	---	0.46	0.41	---	24.00	0.00
22.10.20	1.95	---	56.15	57.18	24.46	24.84	31.69		32.34	---	---	62.88	57.96	4.92	---	0.46	0.41	---	24.00	0.00
	58.79	---	1694.13	1724.30	721.16	732.14	972.97	0.00	992.16	---	---								720.00	0.00

$$T = \quad + \max + T_{min} + T_{dt} + T$$

$$720.00 = 720.00 + 0.00 + 0.00 + 0.00 + 0.00$$

	24-00	24-00	
,	458.76	517.54	58.79
,	---	---	---
,	14765.98	16460.11	1694.13
,	7373.24	8094.41	721.16
() ,	---	---	---
,	8978.22	9698.22	720.00
max + T _{min} + T _{dt} + T ,	1085.17	1085.17	0.00
