

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

: 16 5-6

16 5-6 ,

: -9.2.1

: 00003159

1

1.3

T = 5,00 °C

= G max= 45,00 3/ G min= 0,18 3/ = 10 /
 = G max= 45,00 3/ G min= 0,18 3/ = 10 /
 = G max= 45,00 3/ G min= 0,00 3/ = 10 /

	, Q ,	, Q ,	, M, , V, 3									, °C,									
							+dM	-dM	dV	/		t1	t2	dt=t1-t2	t3()	P1	P2	P3()	T	T /	
			M1	V1	M2	V2				M3()	V3()										
23.09.20	1.33	0.00	111.35	113.24	107.92	109.17	3.43		4.07	0.00	0.00	60.33	49.79	10.54	0.00	0.40	0.34	0.00	24.00	0.00	B,E
24.09.20	1.36	0.00	110.63	112.49	106.64	107.85	3.99		4.64	0.00	0.00	60.05	49.32	10.73	0.00	0.39	0.33	0.00	24.00	0.00	B,E
25.09.20	1.40	0.00	112.69	114.59	109.07	110.30	3.62		4.29	0.00	0.00	60.05	49.06	10.99	0.00	0.40	0.34	0.00	24.00	0.00	B,E
26.09.20	1.50	0.00	112.24	114.14	108.03	109.22	4.21		4.92	0.00	0.00	60.27	48.56	11.71	0.00	0.40	0.34	0.00	24.00	0.00	B,E
27.09.20	1.48	0.00	109.26	111.01	103.87	104.95	5.38		6.06	0.00	0.00	58.56	47.08	11.48	0.00	0.40	0.33	0.00	24.00	0.00	B,E
28.09.20	1.46	0.00	108.33	110.13	104.89	106.00	3.44		4.13	0.00	0.00	59.73	47.57	12.16	0.00	0.40	0.34	0.00	24.00	0.00	B,E
29.09.20	1.50	0.00	109.33	111.15	105.73	106.84	3.60		4.31	0.00	0.00	59.79	47.46	12.33	0.00	0.40	0.33	0.00	24.00	0.00	B,E
30.09.20	1.50	0.00	110.50	112.32	106.83	107.94	3.68		4.38	0.00	0.00	59.34	47.21	12.13	0.00	0.39	0.33	0.00	24.00	0.00	B,E
01.10.20	1.60	0.00	107.60	109.50	103.99	105.11	3.62		4.39	0.00	0.00	61.42	48.04	13.38	0.00	0.39	0.33	0.00	24.00	0.00	B,E
02.10.20	1.61	0.00	104.08	106.00	101.15	102.27	2.93		3.73	0.00	0.00	62.96	48.74	14.22	0.00	0.38	0.33	0.00	24.00	0.00	B,E
03.10.20	1.65	0.00	104.88	106.84	101.32	102.46	3.56		4.38	0.00	0.00	63.30	49.07	14.23	0.00	0.38	0.33	0.00	24.00	0.00	B,E
04.10.20	1.66	0.00	105.37	107.33	101.17	102.32	4.19		5.01	0.00	0.00	63.25	49.27	13.98	0.00	0.38	0.33	0.00	24.00	0.00	B,E
05.10.20	1.61	0.00	105.48	107.45	102.09	103.26	3.39		4.19	0.00	0.00	63.32	49.49	13.83	0.00	0.38	0.33	0.00	24.00	0.00	B,E
06.10.20	1.67	0.00	105.89	107.86	101.60	102.75	4.29		5.11	0.00	0.00	63.13	49.18	13.95	0.00	0.38	0.33	0.00	24.00	0.00	B,E
07.10.20	1.62	0.00	104.00	105.94	101.12	102.25	2.88		3.69	0.00	0.00	63.36	48.98	14.38	0.00	0.38	0.33	0.00	24.00	0.00	B,E
08.10.20	1.61	0.00	101.62	103.50	97.26	98.36	4.36		5.14	0.00	0.00	63.04	49.11	13.93	0.00	0.38	0.32	0.00	24.00	0.00	B,E
09.10.20	1.63	0.00	103.00	104.89	98.65	99.75	4.35		5.14	0.00	0.00	62.74	48.81	13.93	0.00	0.38	0.33	0.00	24.00	0.00	B,E
10.10.20	1.67	0.00	106.14	108.10	102.69	103.82	3.46		4.28	0.00	0.00	62.89	48.57	14.32	0.00	0.39	0.34	0.00	24.00	0.00	B,E
11.10.20	1.68	0.00	106.40	108.35	102.35	103.48	4.05		4.87	0.00	0.00	62.66	48.54	14.12	0.00	0.39	0.34	0.00	24.00	0.00	B,E
12.10.20	1.65	0.00	105.59	107.51	102.08	103.19	3.51		4.32	0.00	0.00	62.48	48.28	14.20	0.00	0.39	0.34	0.00	24.00	0.00	B,E
13.10.20	1.64	0.00	104.84	106.77	101.43	102.55	3.41		4.22	0.00	0.00	62.85	48.62	14.23	0.00	0.39	0.34	0.00	24.00	0.00	B,E
14.10.20	1.61	0.00	104.25	106.17	101.03	102.15	3.23		4.02	0.00	0.00	62.80	48.75	14.05	0.00	0.39	0.34	0.00	24.00	0.00	B,E
15.10.20	1.59	0.00	104.29	106.20	101.18	102.31	3.10		3.89	0.00	0.00	62.74	48.80	13.94	0.00	0.39	0.34	0.00	24.00	0.00	B,E
16.10.20	1.62	0.00	104.10	106.02	100.50	101.62	3.60		4.40	0.00	0.00	62.94	48.86	14.08	0.00	0.39	0.34	0.00	24.00	0.00	B,E
17.10.20	1.60	0.00	104.79	106.74	101.82	102.98	2.96		3.76	0.00	0.00	63.27	49.29	13.98	0.00	0.39	0.34	0.00	24.00	0.00	B,E
18.10.20	1.57	0.00	105.51	107.46	102.03	103.21	3.47		4.25	0.00	0.00	63.06	49.65	13.41	0.00	0.40	0.34	0.00	24.00	0.00	B,E
19.10.20	1.57	0.00	104.79	106.71	101.76	102.90	3.03		3.81	0.00	0.00	62.79	49.06	13.73	0.00	0.39	0.34	0.00	24.00	0.00	B,E
20.10.20	1.63	0.00	105.28	107.22	101.78	102.91	3.51		4.31	0.00	0.00	62.87	48.83	14.04	0.00	0.39	0.34	0.00	24.00	0.00	B,E
21.10.20	1.62	0.00	105.93	107.90	102.54	103.70	3.40		4.20	0.00	0.00	63.12	49.26	13.86	0.00	0.39	0.34	0.00	24.00	0.00	B,E
22.10.20	1.57	0.00	106.04	108.01	102.90	104.08	3.15		3.93	0.00	0.00	63.09	49.62	13.47	0.00	0.40	0.34	0.00	24.00	0.00	B,E
	47.22	0.00	3194.21	3251.54	3085.39	3119.70	108.82	0.00	131.84	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	
	205.66	252.89	47.22
	0.00	0.00	0.00
	16824.68	20018.88	3194.21
	15973.27	19058.66	3085.39
()	24.53	24.53	0.00
	5567.65	6287.65	720.00
max + T _{min} + T _{dt} + T	270.28	270.28	0.00

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

: 16 5-6

16 5-6 ,

: -9.2.1
: 00003159

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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,									
							+dM	-dM	dV	/		t1	t2	dt=t1-t2	t3()	P1	P2	P3()	T	T /
			M1	V1	M2	V2				M3()	V3()									
23.09.20	0.42	---	28.85	29.34	25.03	25.34	3.82		4.00	---	---	60.23	52.05	8.18	---	0.38	0.37	---	24.00	0.00
24.09.20	0.44	---	28.82	29.30	24.57	24.88	4.25		4.42	---	---	59.94	51.71	8.23	---	0.38	0.37	---	24.00	0.00
25.09.20	0.42	---	29.38	29.87	25.38	25.70	4.00		4.17	---	---	59.93	51.85	8.08	---	0.38	0.37	---	24.00	0.00
26.09.20	0.47	---	29.58	30.08	24.77	25.08	4.81		5.00	---	---	60.17	51.84	8.33	---	0.38	0.37	---	24.00	0.00
27.09.20	0.51	---	29.11	29.58	23.16	23.44	5.95		6.14	---	---	58.45	50.36	8.09	---	0.38	0.37	---	24.00	0.00
28.09.20	0.42	---	28.26	28.73	24.42	24.72	3.84		4.01	---	---	59.62	51.16	8.46	---	0.38	0.38	---	24.00	0.00
29.09.20	0.43	---	28.80	29.28	24.77	25.07	4.03		4.21	---	---	59.67	51.24	8.43	---	0.38	0.37	---	24.00	0.00
30.09.20	0.42	---	29.01	29.49	25.03	25.33	3.99		4.16	---	---	59.21	50.88	8.33	---	0.38	0.37	---	24.00	0.00
01.10.20	0.47	---	28.49	28.99	24.10	24.41	4.39		4.58	---	---	61.32	52.06	9.26	---	0.37	0.37	---	24.00	0.00
02.10.20	0.43	---	27.11	27.61	23.64	23.96	3.47		3.65	---	---	62.81	53.04	9.77	---	0.37	0.36	---	24.00	0.00
03.10.20	0.47	---	27.62	28.13	23.47	23.78	4.15		4.35	---	---	63.15	53.33	9.82	---	0.37	0.36	---	24.00	0.00
04.10.20	0.51	---	28.15	28.67	23.33	23.65	4.81		5.02	---	---	63.12	53.39	9.73	---	0.37	0.36	---	24.00	0.00
05.10.20	0.46	---	27.80	28.32	23.87	24.19	3.94		4.13	---	---	63.18	53.62	9.56	---	0.37	0.36	---	24.00	0.00
06.10.20	0.50	---	28.38	28.90	23.59	23.90	4.79		5.00	---	---	63.00	53.36	9.64	---	0.37	0.37	---	24.00	0.00
07.10.20	0.44	---	27.29	27.80	23.82	24.13	3.47		3.67	---	---	63.20	53.17	10.03	---	0.37	0.36	---	24.00	0.00
08.10.20	0.49	---	27.32	27.82	22.80	23.09	4.52		4.73	---	---	62.88	52.79	10.09	---	0.36	0.36	---	24.00	0.00
09.10.20	0.48	---	27.70	28.21	23.39	23.69	4.32		4.52	---	---	62.59	52.49	10.10	---	0.37	0.36	---	24.00	0.00
10.10.20	0.48	---	28.28	28.80	24.23	24.55	4.05		4.25	---	---	62.74	52.76	9.98	---	0.38	0.37	---	24.00	0.00
11.10.20	0.51	---	28.63	29.15	23.93	24.24	4.70		4.91	---	---	62.50	52.67	9.83	---	0.38	0.37	---	24.00	0.00
12.10.20	0.48	---	28.29	28.80	24.08	24.39	4.20		4.41	---	---	62.32	52.42	9.90	---	0.38	0.37	---	24.00	0.00
13.10.20	0.47	---	28.07	28.58	23.96	24.27	4.11		4.31	---	---	62.70	52.87	9.83	---	0.38	0.37	---	24.00	0.00
14.10.20	0.44	---	27.57	28.07	23.84	24.16	3.72		3.91	---	---	62.67	53.09	9.58	---	0.38	0.38	---	24.00	0.00
15.10.20	0.43	---	27.56	28.06	24.02	24.34	3.53		3.72	---	---	62.60	53.17	9.43	---	0.38	0.37	---	24.00	0.00
16.10.20	0.46	---	27.83	28.34	23.80	24.12	4.03		4.22	---	---	62.81	53.28	9.53	---	0.38	0.37	---	24.00	0.00
17.10.20	0.42	---	27.66	28.17	24.33	24.66	3.33		3.51	---	---	63.14	53.72	9.42	---	0.38	0.38	---	24.00	0.00
18.10.20	0.44	---	28.09	28.61	24.33	24.66	3.77		3.95	---	---	62.92	53.81	9.11	---	0.38	0.38	---	24.00	0.00
19.10.20	0.42	---	27.70	28.21	24.35	24.67	3.36		3.54	---	---	62.66	53.43	9.23	---	0.38	0.37	---	24.00	0.00
20.10.20	0.45	---	28.09	28.61	24.14	24.46	3.96		4.15	---	---	62.75	53.43	9.32	---	0.38	0.37	---	24.00	0.00
21.10.20	0.45	---	28.26	28.78	24.46	24.80	3.79		3.98	---	---	63.00	53.78	9.22	---	0.38	0.38	---	24.00	0.00
22.10.20	0.43	---	28.25	28.77	24.70	25.04	3.55		3.73	---	---	62.98	53.88	9.10	---	0.38	0.38	---	24.00	0.00
	13.66	---	845.94	861.07	723.30	732.73	122.63	0.00	128.33	---	---								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	
,	91.52	105.18	13.66
,	---	---	---
,	6209.08	7055.01	845.94
,	5404.76	6128.06	723.30
() ,	---	---	---
,	5775.50	6495.50	720.00
max + T _{min} + T _{dt} + T ,	62.12	62.12	0.00
