

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

: 14 5-6

14 5-6 ,

: -9.2.1
: 00003126

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1.1

T = 5,00 °C

= G max= 45,00 3/ G min= 0,00 3/ = 10 /
 = G max= 45,00 3/ G min= 0,00 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	1.18	---	136.08	138.39	132.69	134.44	3.39		3.95	---	---	60.31	52.87	7.44	---	0.39	0.32	---	24.00	0.00
24.09.20	1.24	---	133.69	135.94	129.72	131.38	3.98		4.56	---	---	60.04	52.21	7.83	---	0.39	0.32	---	24.00	0.00
25.09.20	1.21	---	134.76	137.03	131.49	133.18	3.27		3.85	---	---	60.07	52.25	7.82	---	0.39	0.32	---	24.00	0.00
26.09.20	1.23	---	134.08	136.35	130.91	132.59	3.17		3.76	---	---	60.28	52.27	8.01	---	0.39	0.32	---	24.00	0.00
27.09.20	1.27	---	133.26	135.40	128.36	129.91	4.90		5.49	---	---	58.56	50.71	7.85	---	0.39	0.32	---	24.00	0.00
28.09.20	1.30	---	133.26	135.48	129.36	130.96	3.90		4.52	---	---	59.73	51.35	8.38	---	0.39	0.32	---	24.00	0.00
29.09.20	1.35	---	134.55	136.80	130.28	131.89	4.27		4.91	---	---	59.82	51.25	8.57	---	0.39	0.32	---	24.00	0.00
30.09.20	1.33	---	135.77	138.00	131.74	133.34	4.03		4.66	---	---	59.35	50.90	8.45	---	0.39	0.32	---	24.00	0.00
01.10.20	1.37	---	131.63	133.94	128.40	130.04	3.23		3.90	---	---	61.36	52.10	9.26	---	0.38	0.32	---	24.00	0.00
02.10.20	1.49	---	128.83	131.21	124.35	126.00	4.48		5.21	---	---	62.95	53.05	9.90	---	0.38	0.32	---	24.00	0.00
03.10.20	1.47	---	128.72	131.12	125.20	126.87	3.52		4.25	---	---	63.29	53.24	10.05	---	0.38	0.32	---	24.00	0.00
04.10.20	1.46	---	129.01	131.41	125.18	126.86	3.83		4.55	---	---	63.24	53.35	9.89	---	0.38	0.32	---	24.00	0.00
05.10.20	1.43	---	126.93	129.30	123.29	124.95	3.64		4.35	---	---	63.29	53.43	9.86	---	0.38	0.32	---	24.00	0.00
06.10.20	1.42	---	122.46	124.73	119.01	120.58	3.45		4.15	---	---	63.10	52.90	10.20	---	0.38	0.32	---	24.00	0.00
07.10.20	1.48	---	121.90	124.18	118.19	119.73	3.71		4.45	---	---	63.32	52.61	10.71	---	0.38	0.32	---	24.00	0.00
08.10.20	1.49	---	117.95	120.13	114.63	116.07	3.32		4.06	---	---	63.00	51.74	11.26	---	0.37	0.32	---	24.00	0.00
09.10.20	1.48	---	119.63	121.82	116.28	117.74	3.34		4.08	---	---	62.70	51.61	11.09	---	0.38	0.32	---	24.00	0.00
10.10.20	1.52	---	124.11	126.39	120.40	121.93	3.71		4.46	---	---	62.86	52.04	10.82	---	0.39	0.33	---	24.00	0.00
11.10.20	1.53	---	124.03	126.30	119.97	121.49	4.06		4.81	---	---	62.63	51.84	10.79	---	0.39	0.33	---	24.00	0.00
12.10.20	1.52	---	122.98	125.21	119.21	120.70	3.76		4.51	---	---	62.44	51.54	10.90	---	0.39	0.33	---	24.00	0.00
13.10.20	1.50	---	122.33	124.58	118.85	120.35	3.48		4.23	---	---	62.80	51.86	10.94	---	0.39	0.33	---	24.00	0.00
14.10.20	1.49	---	121.78	124.01	118.38	119.88	3.39		4.13	---	---	62.74	51.86	10.88	---	0.39	0.33	---	24.00	0.00
15.10.20	1.49	---	122.03	124.27	118.48	119.98	3.55		4.29	---	---	62.70	51.88	10.82	---	0.39	0.33	---	24.00	0.00
16.10.20	1.50	---	121.34	123.58	117.84	119.33	3.51		4.25	---	---	62.89	51.91	10.98	---	0.39	0.33	---	24.00	0.00
17.10.20	1.53	---	123.07	125.36	119.02	120.56	4.05		4.80	---	---	63.21	52.36	10.85	---	0.39	0.33	---	24.00	0.00
18.10.20	1.48	---	123.17	125.45	119.26	120.81	3.91		4.64	---	---	63.01	52.55	10.46	---	0.39	0.33	---	24.00	0.00
19.10.20	1.49	---	122.80	125.05	118.83	120.35	3.97		4.70	---	---	62.74	52.11	10.63	---	0.39	0.33	---	24.00	0.00
20.10.20	1.47	---	118.97	121.16	115.64	117.10	3.33		4.06	---	---	62.79	51.78	11.01	---	0.39	0.33	---	24.00	0.00
21.10.20	1.40	---	113.04	115.13	109.89	111.28	3.15		3.85	---	---	63.02	51.93	11.09	---	0.39	0.34	---	24.00	0.00
22.10.20	1.36	---	110.20	112.24	106.94	108.30	3.27		3.94	---	---	62.97	52.05	10.92	---	0.39	0.34	---	24.00	0.00
	42.47	---	3772.36	3839.98	3661.79	3708.61	110.57	0.00	131.37	---	---								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	
,	196.77	239.23	42.47
,	---	---	---
,	11530.65	15303.02	3772.36
,	10636.31	14298.10	3661.79
() ,	---	---	---
,	5890.05	6610.05	720.00
max + T _{min} + T _{dt} + T ,	959.05	959.05	0.00

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

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: -9.2.1
: 00003126

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T = 5,00 °C

= G max= 32,00 3/ G min= 0,00 3/ = 10 /
 = G max= 23,00 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	0.37	---	39.81	40.48	35.46	35.99	4.35		4.49	---	---	60.00	56.43	3.57	---	0.38	0.34	---	24.00	0.00
24.09.20	0.40	---	39.21	39.86	34.25	34.75	4.96		5.11	---	---	59.71	56.07	3.64	---	0.38	0.34	---	24.00	0.00
25.09.20	0.36	---	39.13	39.78	34.94	35.45	4.19		4.33	---	---	59.74	56.13	3.61	---	0.38	0.34	---	24.00	0.00
26.09.20	0.34	---	38.70	39.35	34.84	35.36	3.86		3.99	---	---	59.96	56.24	3.72	---	0.38	0.34	---	24.00	0.00
27.09.20	0.41	---	39.32	39.94	33.75	34.22	5.57		5.72	---	---	58.19	54.72	3.47	---	0.38	0.34	---	24.00	0.00
28.09.20	0.39	---	38.73	39.37	33.93	34.42	4.80		4.95	---	---	59.41	55.65	3.76	---	0.38	0.34	---	24.00	0.00
29.09.20	0.42	---	39.19	39.84	33.90	34.39	5.29		5.45	---	---	59.49	55.72	3.77	---	0.38	0.34	---	24.00	0.00
30.09.20	0.40	---	39.37	40.01	34.39	34.88	4.98		5.13	---	---	59.02	55.29	3.73	---	0.38	0.34	---	24.00	0.00
01.10.20	0.36	---	37.50	38.15	33.62	34.13	3.88		4.02	---	---	61.01	56.89	4.12	---	0.37	0.33	---	24.00	0.00
02.10.20	0.45	---	37.48	38.16	32.21	32.72	5.26		5.44	---	---	62.61	58.20	4.41	---	0.36	0.33	---	24.00	0.00
03.10.20	0.40	---	37.09	37.78	32.63	33.15	4.47		4.63	---	---	62.94	58.52	4.42	---	0.37	0.33	---	24.00	0.00
04.10.20	0.42	---	37.29	37.98	32.50	33.02	4.79		4.96	---	---	62.90	58.52	4.38	---	0.37	0.33	---	24.00	0.00
05.10.20	0.41	---	36.72	37.40	32.13	32.64	4.59		4.76	---	---	62.96	58.56	4.40	---	0.37	0.34	---	24.00	0.00
06.10.20	0.39	---	35.49	36.14	31.22	31.71	4.27		4.43	---	---	62.76	58.22	4.54	---	0.37	0.34	---	24.00	0.00
07.10.20	0.39	---	35.25	35.90	30.94	31.43	4.31		4.47	---	---	62.97	58.34	4.63	---	0.37	0.34	---	24.00	0.00
08.10.20	0.38	---	33.99	34.61	29.82	30.29	4.16		4.32	---	---	62.65	57.93	4.72	---	0.36	0.34	---	24.00	0.00
09.10.20	0.38	---	34.44	35.06	30.24	30.71	4.20		4.35	---	---	62.35	57.71	4.64	---	0.37	0.34	---	24.00	0.00
10.10.20	0.41	---	35.93	36.58	31.32	31.81	4.61		4.77	---	---	62.52	58.00	4.52	---	0.38	0.35	---	24.00	0.00
11.10.20	0.42	---	36.09	36.74	31.15	31.64	4.94		5.10	---	---	62.28	57.81	4.47	---	0.38	0.35	---	24.00	0.00
12.10.20	0.41	---	35.60	36.24	30.93	31.41	4.67		4.83	---	---	62.10	57.56	4.54	---	0.37	0.35	---	24.00	0.00
13.10.20	0.39	---	35.17	35.81	30.76	31.24	4.41		4.57	---	---	62.46	57.89	4.57	---	0.37	0.35	---	24.00	0.00
14.10.20	0.39	---	34.97	35.60	30.68	31.16	4.28		4.44	---	---	62.40	57.85	4.55	---	0.38	0.35	---	24.00	0.00
15.10.20	0.40	---	35.17	35.81	30.68	31.16	4.49		4.65	---	---	62.35	57.82	4.53	---	0.38	0.35	---	24.00	0.00
16.10.20	0.40	---	34.95	35.59	30.53	31.01	4.42		4.58	---	---	62.55	57.95	4.60	---	0.37	0.35	---	24.00	0.00
17.10.20	0.42	---	35.68	36.34	30.78	31.27	4.90		5.07	---	---	62.87	58.33	4.54	---	0.38	0.35	---	24.00	0.00
18.10.20	0.42	---	35.73	36.38	30.85	31.34	4.88		5.04	---	---	62.66	58.26	4.40	---	0.38	0.35	---	24.00	0.00
19.10.20	0.42	---	35.60	36.25	30.65	31.14	4.95		5.11	---	---	62.40	57.93	4.47	---	0.38	0.35	---	24.00	0.00
20.10.20	0.39	---	34.67	35.30	30.32	30.79	4.35		4.51	---	---	62.45	57.85	4.60	---	0.38	0.35	---	24.00	0.00
21.10.20	0.38	---	33.59	34.20	29.43	29.90	4.15		4.30	---	---	62.66	57.98	4.68	---	0.38	0.35	---	24.00	0.00
22.10.20	0.38	---	33.09	33.69	28.86	29.31	4.22		4.38	---	---	62.63	57.89	4.74	---	0.38	0.36	---	24.00	0.00
	11.87	---	1094.92	1114.34	957.70	972.49	137.23	0.00	141.85	---	---								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	
,	86.60	98.47	11.87
,	---	---	---
,	5336.25	6431.17	1094.92
,	4289.59	5247.28	957.70
() ,	---	---	---
,	5790.23	6510.23	720.00
max + T _{min} + T _{dt} + T ,	1058.90	1058.90	0.00
