

LAMPIRAN

1. Panel PV

time	Irradiation	Temperature	Humidity	Voltage PV
7/22/2023 6:00	0	21.9	73.7	3.61905
7/22/2023 6:00	0	21.9	73.7	3.61905
7/22/2023 6:00	0	21.9	73.7	3.61905
7/22/2023 6:00	0	21.9	73.7	3.61905
7/22/2023 6:00	0	21.9	73.7	3.61905
7/22/2023 6:00	0	21.9	73.7	3.61905
7/22/2023 6:01	0	21.9	73.7	3.61905
7/22/2023 6:01	5	17.3	88.9	119.524
7/22/2023 6:01	5	17.3	88.9	119.333
7/22/2023 6:01	5	17.4	88.8	119.238
7/22/2023 6:01	5	17.4	88.8	119.524
7/22/2023 6:01	5	17.4	88.9	119.429
7/22/2023 6:02	5	17.4	88.9	119.333
7/22/2023 6:02	5	17.4	88.9	119.238
7/22/2023 6:02	5	17.4	88.9	119.429
7/22/2023 6:02	5	17.4	88.9	119.238
7/22/2023 6:02	5	17.4	88.9	119.238
7/22/2023 6:02	5	17.4	88.9	119.143
7/22/2023 6:03	5	17.4	88.9	119.333
7/22/2023 6:03	5	17.4	88.9	119.143
7/22/2023 6:03	5	17.4	88.9	119.048
7/22/2023 6:03	5	17.4	88.8	118.952
7/22/2023 6:03	5	17.4	88.8	119.048
7/22/2023 6:03	7	17.4	88.8	119.143

7/22/2023 6:04	7	17.4	88.8	119.143
7/22/2023 6:04	7	17.5	88.8	119.048
7/22/2023 6:04	7	17.5	88.9	119.048
7/22/2023 6:04	7	17.5	88.8	119.143
7/22/2023 6:04	7	17.5	88.8	119.143
7/22/2023 6:04	7	17.5	88.8	119.048
7/22/2023 6:05	9	17.5	88.8	118.952
7/22/2023 6:05	10	17.5	88.8	119.048
7/22/2023 6:05	10	17.5	88.8	118.952
7/22/2023 6:05	10	17.5	88.8	119.143
7/22/2023 6:05	10	17.5	88.7	118.952
7/22/2023 6:05	10	17.6	88.7	119.048
7/22/2023 6:06	10	17.6	88.7	118.952
7/22/2023 6:06	10	17.6	88.6	119.143
7/22/2023 6:06	10	17.6	88.6	119.143
7/22/2023 6:06	10	17.6	88.6	119.143
7/22/2023 6:06	10	17.6	88.6	118.952
7/22/2023 6:06	10	17.6	88.6	119.048
7/22/2023 6:07	12	17.6	88.6	119.143
7/22/2023 6:07	12	17.6	88.5	119.048
7/22/2023 6:07	12	17.7	88.5	118.952
7/22/2023 6:07	12	17.7	88.4	119.048
7/22/2023 6:07	12	17.7	88.4	119.048
7/22/2023 6:07	12	17.7	88.4	119.143
7/22/2023 6:08	12	17.7	88.4	119.048
7/22/2023 6:08	13	17.7	88.3	118.952
7/22/2023 6:08	12	17.7	88.3	119.143
7/22/2023 6:08	15	17.7	88.3	119.143
7/22/2023 6:08	15	17.7	88.2	119.143

7/22/2023 6:08	15	17.7	88.2	119.143
7/22/2023 6:09	15	17.7	88.1	118.857
7/22/2023 6:09	15	17.7	88.1	119.143
7/22/2023 6:09	15	17.7	88.1	119.143
7/22/2023 6:09	15	17.7	88.1	119.048
7/22/2023 6:09	15	17.7	88	119.048
7/22/2023 6:09	15	17.8	88	119.143
7/22/2023 6:10	15	17.8	88	119.048
7/22/2023 6:10	15	17.8	88	119.143
7/22/2023 6:10	15	17.8	88	119.143
7/22/2023 6:10	15	17.8	88	119.048
7/22/2023 6:10	15	17.8	87.9	118.952
7/22/2023 6:10	15	17.8	87.9	119.238
7/22/2023 6:11	15	17.8	87.9	119.238
7/22/2023 6:11	16	17.8	87.9	119.333
7/22/2023 6:11	16	17.8	87.9	119.238
7/22/2023 6:11	16	17.8	87.9	119.143
7/22/2023 6:11	16	17.8	87.9	119.238
7/22/2023 6:11	16	17.8	87.9	119.238
7/22/2023 6:12	16	17.8	87.9	119.333
7/22/2023 6:12	16	17.8	87.9	119.143
7/22/2023 6:12	16	17.8	87.9	119.333
7/22/2023 6:12	16	17.8	87.9	119.333
7/22/2023 6:12	16	17.8	87.9	119.333
7/22/2023 6:12	18	17.8	87.9	119.429
7/22/2023 6:13	18	17.8	87.9	119.333
7/22/2023 6:13	16	17.9	87.8	119.429
7/22/2023 6:13	17	17.9	87.8	119.333
7/22/2023 6:13	18	17.9	87.8	119.143

7/22/2023 6:13	18	17.9	87.8	119.238
7/22/2023 6:13	18	17.9	87.8	119.333
7/22/2023 6:14	18	17.9	87.7	118.286
7/22/2023 6:14	18	17.9	87.7	118.381
7/22/2023 6:14	18	17.9	87.7	117.714
7/22/2023 6:14	18	17.9	87.7	118.762
7/22/2023 6:14	18	17.9	87.7	118.571
7/22/2023 6:14	18	17.9	87.7	119.143
7/22/2023 6:15	18	17.9	87.7	118.762
7/22/2023 6:15	20	17.9	87.7	118.857
7/22/2023 6:15	20	17.9	87.7	118.952
7/22/2023 6:15	20	18	87.6	118.857
7/22/2023 6:15	20	18	87.6	118.952
7/22/2023 6:15	20	18	87.6	118.952
7/22/2023 6:16	20	18	87.6	118.952
7/22/2023 6:16	20	18	87.6	119.048
7/22/2023 6:16	20	18	87.6	118.762
7/22/2023 6:16	21	18	87.6	119.048
7/22/2023 6:16	22	18	87.6	119.143
7/22/2023 6:16	22	18	87.5	118.857
7/22/2023 6:17	22	18	87.5	118.857
7/22/2023 6:17	22	18	87.5	118.857
7/22/2023 6:17	22	18	87.5	118.857
7/22/2023 6:17	22	18	87.4	118.952
7/22/2023 6:17	22	18	87.4	118.952
7/22/2023 6:17	22	18	87.4	119.048
7/22/2023 6:18	22	18.1	87.4	119.048
7/22/2023 6:18	22	18.1	87.3	119.048
7/22/2023 6:18	23	18.1	87.3	118.952

7/22/2023 6:18	24	18.1	87.3	119.143
7/22/2023 6:18	22	18.1	87.3	118.952
7/22/2023 6:18	25	18.1	87.4	118.762
7/22/2023 6:19	25	18.1	87.4	119.238
7/22/2023 6:19	25	18.1	87.3	119.048
7/22/2023 6:19	25	18.1	87.3	119.048
7/22/2023 6:19	25	18.1	87.2	119.143
7/22/2023 6:19	25	18.1	87.2	118.952
7/22/2023 6:19	25	18.1	87.2	118.952
7/22/2023 6:20	25	18.2	87.2	119.238
7/22/2023 6:20	25	18.2	87.2	119.143
7/22/2023 6:20	25	18.2	87.1	118.857
7/22/2023 6:20	25	18.2	87.1	119.048
7/22/2023 6:20	26	18.2	87.1	118.952
7/22/2023 6:20	26	18.2	87.1	119.048
7/22/2023 6:21	26	18.2	87.1	119.143
7/22/2023 6:21	26	18.2	87.1	119.143
7/22/2023 6:21	26	18.2	87.1	119.143
7/22/2023 6:21	26	18.2	87.1	119.048
7/22/2023 6:21	26	18.2	87.1	119.143
7/22/2023 6:21	26	18.2	87.1	119.048
7/22/2023 6:21	26	18.2	87.1	119.048
7/22/2023 6:22	26	18.2	87.1	119.048
7/22/2023 6:22	26	18.2	87	119.333
7/22/2023 6:22	27	18.2	87	119.143
7/22/2023 6:22	28	18.3	87	119.143
7/22/2023 6:22	27	18.3	87	119.333
7/22/2023 6:22	29	18.3	87	119.524
7/22/2023 6:23	28	18.3	87	119.238
7/22/2023 6:23	29	18.3	87	118.952

7/22/2023 6:23	29	18.3	87	119.048
7/22/2023 6:23	29	18.3	87	118.857
7/22/2023 6:23	29	18.3	87	119.048
7/22/2023 6:23	29	18.4	86.9	119.143
7/22/2023 6:24	29	18.4	86.9	119.333
7/22/2023 6:24	29	18.4	86.9	119.143
7/22/2023 6:24	29	18.4	86.9	118.952
7/22/2023 6:24	29	18.4	86.8	119.048
7/22/2023 6:24	29	18.4	86.8	118.571
7/22/2023 6:24	29	18.4	86.7	119.238
7/22/2023 6:25	29	18.4	86.6	118.952
7/22/2023 6:25	29	18.4	86.6	119.143
7/22/2023 6:25	30	18.4	86.4	118.857
7/22/2023 6:25	30	18.5	86.4	118.952
7/22/2023 6:25	30	18.5	86.3	118.762
7/22/2023 6:25	30	18.5	86.2	118.952
7/22/2023 6:26	30	18.5	86.2	120.095
7/22/2023 6:26	30	18.5	86.1	119.048
7/22/2023 6:26	30	18.5	86.1	119.333
7/22/2023 6:26	30	18.5	86.1	118.952
7/22/2023 6:26	30	18.5	86.1	119.143
7/22/2023 6:26	30	18.5	86.1	118.952
7/22/2023 6:27	30	18.5	86.1	119.143
7/22/2023 6:27	30	18.5	86	119.143
7/22/2023 6:27	30	18.5	86	118.952
7/22/2023 6:27	30	18.6	86	118.857
7/22/2023 6:27	30	18.6	86.1	119.048
7/22/2023 6:27	30	18.6	86.1	119.048
7/22/2023 6:28	30	18.6	86.1	118.857

7/22/2023 6:28	30	18.6	86	119.238
7/22/2023 6:28	30	18.6	85.9	118.857
7/22/2023 6:28	33	18.6	85.9	118.952
7/22/2023 6:28	32	18.6	85.8	118.952
7/22/2023 6:28	33	18.6	85.8	119.048
7/22/2023 6:29	30	18.7	85.8	118.667
7/22/2023 6:29	30	18.7	85.8	119.524
7/22/2023 6:29	33	18.7	85.8	119.048
7/22/2023 6:29	32	18.7	85.7	118.762
7/22/2023 6:29	33	18.7	85.6	118.667
7/22/2023 6:29	33	18.7	85.6	118.667
7/22/2023 6:30	32	18.7	85.5	118.762
7/22/2023 6:30	33	18.7	85.5	118.762
7/22/2023 6:30	33	18.7	85.6	119.238
7/22/2023 6:30	33	18.7	85.6	119.238
7/22/2023 6:30	33	18.7	85.6	118.857
7/22/2023 6:30	33	18.7	85.7	118.381
7/22/2023 6:31	33	18.7	85.7	119.143
7/22/2023 6:31	33	18.7	85.7	118.762
7/22/2023 6:31	33	18.7	85.7	118.762
7/22/2023 6:31	34	18.7	85.6	118.952
7/22/2023 6:31	34	18.7	85.5	118.952
7/22/2023 6:31	33	18.8	85.4	118.952
7/22/2023 6:32	35	18.8	85.2	118.762
7/22/2023 6:32	35	18.8	85.2	118.952
7/22/2023 6:32	35	18.8	85.3	117.048
7/22/2023 6:32	35	18.8	85.4	119.048
7/22/2023 6:32	35	18.8	85.4	118.857
7/22/2023 6:32	35	18.8	85.3	118.381

7/22/2023 6:33	35	18.8	85.3	119.048
7/22/2023 6:33	36	18.8	85.3	118.857
7/22/2023 6:33	36	18.8	85.3	119.238
7/22/2023 6:33	35	18.8	85.2	118.762
7/22/2023 6:33	36	18.8	85.2	119.429
7/22/2023 6:33	36	18.9	85.3	118.857
7/22/2023 6:34	36	18.9	85.3	119.143
7/22/2023 6:34	35	18.9	85.3	118.857
7/22/2023 6:34	35	18.9	85.3	118.762
7/22/2023 6:34	35	18.9	85.3	118.571
7/22/2023 6:34	35	18.9	85.3	118.667
7/22/2023 6:34	35	18.9	85.2	118.857
7/22/2023 6:35	35	18.9	85.2	118.667
7/22/2023 6:35	35	18.9	85.3	118.952
7/22/2023 6:35	35	18.9	85.3	120.286
7/22/2023 6:35	36	18.9	85.3	118.762
7/22/2023 6:35	36	19	85.3	118.762
7/22/2023 6:35	36	19	85.3	118.762
7/22/2023 6:36	36	19	85.3	118.952
7/22/2023 6:36	36	19	85.3	118.667
7/22/2023 6:36	39	19	85.3	118.857
7/22/2023 6:36	39	19	85.2	118.762
7/22/2023 6:36	39	19	85.2	118.762
7/22/2023 6:36	40	19	85.1	118.762
7/22/2023 6:37	40	19	85	118.762
7/22/2023 6:37	39	19	84.9	118.476
7/22/2023 6:37	40	19	84.9	118.857
7/22/2023 6:37	39	19	84.8	118.762
7/22/2023 6:37	39	19	84.8	118.667

7/22/2023 6:37	39	19.1	84.6	118.476
7/22/2023 6:38	39	19.1	84.6	118.952
7/22/2023 6:38	39	19.1	84.6	118.476
7/22/2023 6:38	39	19.1	84.7	120.19
7/22/2023 6:38	39	19.1	84.8	118.571
7/22/2023 6:38	39	19.1	84.8	118.857
7/22/2023 6:38	39	19.1	84.8	119.238
7/22/2023 6:39	39	19.1	84.8	118.667
7/22/2023 6:39	39	19.1	84.7	118.571
7/22/2023 6:39	39	19.1	84.7	118.476
7/22/2023 6:39	39	19.1	84.6	118.952
7/22/2023 6:39	39	19.1	84.5	118.381
7/22/2023 6:39	39	19.1	84.4	120.571
7/22/2023 6:40	39	19.1	84.4	118.667
7/22/2023 6:40	39	19.1	84.3	118.476
7/22/2023 6:40	39	19.2	84.3	118.762
7/22/2023 6:40	39	19.2	84.4	121.429
7/22/2023 6:40	39	19.2	84.4	118.857
7/22/2023 6:40	39	19.2	84.4	118.381
7/22/2023 6:41	39	19.2	84.3	118.571
7/22/2023 6:41	39	19.2	84.2	118.952
7/22/2023 6:41	39	19.2	84.2	118.667
7/22/2023 6:41	39	19.2	84.3	118.571
7/22/2023 6:41	39	19.2	84.2	118.381
7/22/2023 6:41	39	19.2	84.3	118.857
7/22/2023 6:42	40	19.2	84.3	119.238
7/22/2023 6:42	40	19.2	84.3	118.571
7/22/2023 6:42	40	19.2	84.3	119.048
7/22/2023 6:42	40	19.3	84.3	119.048

7/22/2023 6:42	40	19.3	84.3	118.571
7/22/2023 6:42	40	19.3	84.3	118.857
7/22/2023 6:43	42	19.3	84.4	118.381
7/22/2023 6:43	43	19.3	84.4	117.905
7/22/2023 6:43	43	19.3	84.5	118.952
7/22/2023 6:43	43	19.3	84.5	118.286
7/22/2023 6:43	43	19.3	84.4	119.905
7/22/2023 6:43	43	19.3	84.4	118.286
7/22/2023 6:44	43	19.3	84.4	119.81
7/22/2023 6:44	43	19.3	84.3	117.81
7/22/2023 6:44	43	19.3	84.2	120.19
7/22/2023 6:44	44	19.3	84.2	118.476
7/22/2023 6:44	43	19.3	84.2	118.857
7/22/2023 6:44	43	19.3	84.2	118.571
7/22/2023 6:45	43	19.3	84.2	118.19
7/22/2023 6:45	43	19.3	84.2	118.381
7/22/2023 6:45	43	19.4	84.1	118.667
7/22/2023 6:45	43	19.4	84.2	118.762
7/22/2023 6:45	43	19.4	84.2	118.571
7/22/2023 6:45	43	19.4	84.1	118.381
7/22/2023 6:46	43	19.4	84.1	118.667
7/22/2023 6:46	43	19.4	84.1	120.762
7/22/2023 6:46	43	19.4	84	119.429
7/22/2023 6:46	43	19.4	83.9	118
7/22/2023 6:46	43	19.4	83.8	118.571
7/22/2023 6:46	44	19.4	83.7	118.476
7/22/2023 6:47	44	19.4	83.7	118.667
7/22/2023 6:47	44	19.4	83.8	118.762
7/22/2023 6:47	44	19.5	83.8	118.952

7/22/2023 6:47	47	19.5	83.8	118.762
7/22/2023 6:47	47	19.5	83.7	119.143
7/22/2023 6:47	47	19.5	83.6	118.476
7/22/2023 6:48	47	19.5	83.6	117.429
7/22/2023 6:48	47	19.5	83.7	118.667
7/22/2023 6:48	47	19.5	83.7	118.381
7/22/2023 6:48	47	19.5	83.7	117.714
7/22/2023 6:48	47	19.5	83.7	121.143
7/22/2023 6:48	47	19.5	83.7	118.381
7/22/2023 6:49	48	19.5	83.8	118.762
7/22/2023 6:49	48	19.6	83.8	116.857
7/22/2023 6:49	48	19.6	83.7	118.952
7/22/2023 6:49	48	19.6	83.7	119.619
7/22/2023 6:49	48	19.6	83.7	118.571
7/22/2023 6:49	48	19.6	83.6	118.095
7/22/2023 6:50	48	19.6	83.6	118.095
7/22/2023 6:50	48	19.6	83.6	119.048
7/22/2023 6:50	48	19.6	83.5	118.571
7/22/2023 6:50	48	19.6	83.5	118.952
7/22/2023 6:50	48	19.6	83.4	118.667
7/22/2023 6:50	47	19.6	83.4	118.19
7/22/2023 6:51	47	19.7	83.4	118.667
7/22/2023 6:51	46	19.7	83.4	119.429
7/22/2023 6:51	47	19.7	83.3	118.952
7/22/2023 6:51	47	19.7	83.3	118.762
7/22/2023 6:51	47	19.7	83.2	118.667
7/22/2023 6:51	47	19.7	83.2	119.714
7/22/2023 6:52	47	19.7	83.4	120.571
7/22/2023 6:52	47	19.7	83.5	118.667

7/22/2023 6:52	47	19.7	83.7	118.571
7/22/2023 6:52	47	19.7	83.9	118.571
7/22/2023 6:52	48	19.7	84.2	118.381
7/22/2023 6:52	48	19.7	84.3	121.238
7/22/2023 6:53	48	19.8	84.3	118.476
7/22/2023 6:53	48	19.8	84.6	121.429
7/22/2023 6:53	48	19.8	84.5	120
7/22/2023 6:53	47	19.8	84.4	118.571
7/22/2023 6:53	47	19.8	84.3	118.857
7/22/2023 6:53	48	19.8	84.3	118.857
7/22/2023 6:54	48	19.8	84.2	118.667
7/22/2023 6:54	48	19.8	84	118.857
7/22/2023 6:54	48	19.9	84	118.476
7/22/2023 6:54	47	19.9	84	118.476
7/22/2023 6:54	47	19.9	83.7	118.571
7/22/2023 6:54	47	19.9	83.5	118.571
7/22/2023 6:55	47	19.9	83.3	118.476
7/22/2023 6:55	47	19.9	82.7	120.286
7/22/2023 6:55	47	19.9	82.6	118.667
7/22/2023 6:55	47	19.9	82.6	116.095
7/22/2023 6:55	47	19.9	82.6	118.667
7/22/2023 6:55	47	19.9	82.7	119.333
7/22/2023 6:56	47	19.9	82.7	118.857
7/22/2023 6:56	48	19.9	82.7	118.667
7/22/2023 6:56	48	19.9	82.7	121.048
7/22/2023 6:56	47	19.9	82.7	120
7/22/2023 6:56	48	19.9	82.7	118.381
7/22/2023 6:56	48	19.9	82.6	118.476
7/22/2023 6:57	48	19.9	82.7	118.19

7/22/2023 6:57	48	19.9	82.8	118
7/22/2023 6:57	48	19.9	83	118.095
7/22/2023 6:57	48	19.9	82.9	117.714
7/22/2023 6:57	48	19.9	83.2	118
7/22/2023 6:57	48	19.9	83.6	118.19
7/22/2023 6:58	48	20	83.6	118.857
7/22/2023 6:58	48	20	84	118.19
7/22/2023 6:58	48	20	83.8	118.667
7/22/2023 6:58	48	20	83.7	118.667
7/22/2023 6:58	50	20	83.7	118.571
7/22/2023 6:58	50	20	83.7	117.714
7/22/2023 6:59	50	20	83.4	118.286
7/22/2023 6:59	50	20	83.2	118.667
7/22/2023 6:59	50	20	83.2	118.476
7/22/2023 6:59	50	20	83.2	119.048
7/22/2023 6:59	50	20.1	83.2	118.762
7/22/2023 6:59	50	20.1	83.3	118.476
7/22/2023 7:00	50	20.1	83.4	118.762
7/22/2023 7:00	50	20.1	83.5	118.381
7/22/2023 7:00	50	20.1	83.5	118.381
7/22/2023 7:00	50	20.1	83.5	118.857
7/22/2023 7:00	50	20.1	83.3	122.095
7/22/2023 7:00	50	20.1	83.4	118.286
7/22/2023 7:01	50	20.1	83.3	118.952
7/22/2023 7:01	50	20.1	82.7	117.81
7/22/2023 7:01	50	20.1	82.2	120.286
7/22/2023 7:01	50	20.1	82.1	117.524
7/22/2023 7:01	50	20.2	82.2	118.952
7/22/2023 7:01	50	20.2	82.2	118.476

7/22/2023 7:02	50	20.2	82.4	118.667
7/22/2023 7:02	50	20.2	82.4	120.476
7/22/2023 7:02	50	20.2	82.3	118.095
7/22/2023 7:02	50	20.2	82.3	118.571
7/22/2023 7:02	50	20.2	82.3	118.19
7/22/2023 7:02	50	20.2	82.4	118.476
7/22/2023 7:03	50	20.3	82.4	118.381
7/22/2023 7:03	50	20.3	82.3	118.476
7/22/2023 7:03	50	20.3	82.2	120.762
7/22/2023 7:03	50	20.3	82.1	118.571
7/22/2023 7:03	50	20.3	82	121.333
7/22/2023 7:03	50	20.3	82	121.238
7/22/2023 7:04	50	20.3	82	117.143
7/22/2023 7:04	50	20.3	81.9	119.143
7/22/2023 7:04	50	20.3	81.9	117.81
7/22/2023 7:04	50	20.3	81.9	118.952
7/22/2023 7:04	50	20.3	81.9	118.19
7/22/2023 7:04	50	20.3	81.9	120.19
7/22/2023 7:05	50	20.4	81.7	118.286
7/22/2023 7:05	50	20.4	81.6	118.667
7/22/2023 7:05	50	20.4	81.6	118.476
7/22/2023 7:05	50	20.4	81.5	118
7/22/2023 7:05	50	20.4	81.6	120
7/22/2023 7:05	50	20.4	81.4	118.286
7/22/2023 7:06	50	20.4	81.1	118.667
7/22/2023 7:06	50	20.4	80.7	118.286
7/22/2023 7:06	50	20.4	80.7	118.667
7/22/2023 7:06	50	20.4	79.6	118.667
7/22/2023 7:06	50	20.4	79.5	118.667

7/22/2023 7:06	50	20.4	79.7	118.667
7/22/2023 7:07	50	20.4	79.9	118.571
7/22/2023 7:07	50	20.4	80.2	118.667
7/22/2023 7:07	50	20.4	80.2	118.381
7/22/2023 7:07	50	20.4	80.4	118.857
7/22/2023 7:07	50	20.4	80.4	118.571
7/22/2023 7:07	50	20.4	80.5	118.762
7/22/2023 7:08	52	20.4	80.5	119.048
7/22/2023 7:08	51	20.4	80.4	118.476
7/22/2023 7:08	50	20.4	80.2	118.857
7/22/2023 7:08	51	20.5	80	118.571
7/22/2023 7:08	52	20.4	80.1	118.571
7/22/2023 7:08	52	20.4	80.7	118.476
7/22/2023 7:09	52	20.4	80.6	118.476
7/22/2023 7:09	52	20.5	80.6	119.238
7/22/2023 7:09	50	20.5	80.7	118.667
7/22/2023 7:09	52	20.5	80.7	118.762
7/22/2023 7:09	52	20.5	80.6	118.381
7/22/2023 7:09	52	20.5	80.6	118.857
7/22/2023 7:10	52	20.5	80.7	118.762
7/22/2023 7:10	52	20.5	80.7	118.476
7/22/2023 7:10	52	20.5	80.6	118.476
7/22/2023 7:10	52	20.5	80.7	118.762
7/22/2023 7:10	52	20.5	80.8	118.762
7/22/2023 7:10	52	20.5	80.8	118.571
7/22/2023 7:11	54	20.5	80.8	119.429
7/22/2023 7:11	54	20.5	81	117.524
7/22/2023 7:11	56	20.5	80.8	118.571
7/22/2023 7:11	54	20.5	80.6	118.381

7/22/2023 7:11	52	20.5	80.8	118.286
7/22/2023 7:11	54	20.5	80.8	118.476
7/22/2023 7:12	54	20.5	80.8	120.762
7/22/2023 7:12	54	20.5	81	118.381
7/22/2023 7:12	54	20.5	81.1	118.476
7/22/2023 7:12	54	20.6	81.2	118.571
7/22/2023 7:12	52	20.6	81.1	118.286
7/22/2023 7:12	52	20.6	81	118.762
7/22/2023 7:13	52	20.6	81	117.238
7/22/2023 7:13	52	20.6	81	118.381
7/22/2023 7:13	52	20.6	80.7	118.381
7/22/2023 7:13	52	20.6	80.7	117.238
7/22/2023 7:13	52	20.6	80.7	118.762
7/22/2023 7:13	53	20.6	80.7	118.667
7/22/2023 7:14	54	20.6	80.5	117.81
7/22/2023 7:14	53	20.6	80.4	118.667
7/22/2023 7:14	52	20.6	80.4	121.333
7/22/2023 7:14	52	20.6	80.7	118.571
7/22/2023 7:14	52	20.6	80.8	118.667
7/22/2023 7:14	53	20.7	80.9	119.81
7/22/2023 7:15	54	20.7	80.8	118.667
7/22/2023 7:15	54	20.7	80.6	120.19
7/22/2023 7:15	54	20.7	80.6	118.762
7/22/2023 7:15	54	20.7	80.5	118.571
7/22/2023 7:15	54	20.7	80.2	118
7/22/2023 7:15	54	20.7	80	117.905
7/22/2023 7:16	54	20.7	79.9	118.476
7/22/2023 7:16	54	20.7	80	118.667
7/22/2023 7:16	54	20.7	80.2	118.762

7/22/2023 7:16	54	20.7	80.3	118.381
7/22/2023 7:16	54	20.7	80.4	120.857
7/22/2023 7:16	54	20.7	80.2	119.81
7/22/2023 7:17	54	20.7	79.9	118.571
7/22/2023 7:17	54	20.8	80.1	118.571
7/22/2023 7:17	54	20.7	79.8	120.381
7/22/2023 7:17	54	20.8	79.3	118.571
7/22/2023 7:17	55	20.8	79.3	118.381
7/22/2023 7:17	54	20.8	79.2	118.667
7/22/2023 7:18	54	20.8	79.5	118
7/22/2023 7:18	56	20.8	79.4	118.762
7/22/2023 7:18	56	20.8	79	118.952
7/22/2023 7:18	56	20.8	78.9	118.762
7/22/2023 7:18	56	20.8	79.1	119.143
7/22/2023 7:18	56	20.8	79.1	119.238
7/22/2023 7:19	56	20.8	79.3	118.762
7/22/2023 7:19	56	20.8	79.4	118.667
7/22/2023 7:19	56	20.8	79.3	118.571
7/22/2023 7:19	56	20.8	79.3	119.143
7/22/2023 7:19	56	20.8	79.4	119.143
7/22/2023 7:19	56	20.8	79.2	118.476
7/22/2023 7:20	56	20.8	78.2	118.667
7/22/2023 7:20	56	20.8	78.2	118.667
7/22/2023 7:20	56	20.8	78.7	118.571
7/22/2023 7:20	56	20.8	78.6	118.857
7/22/2023 7:20	56	20.9	78.4	118.571
7/22/2023 7:20	56	20.9	78.5	118.667
7/22/2023 7:21	56	20.9	78.6	119.143
7/22/2023 7:21	56	20.9	79.3	118.571

7/22/2023 7:21	56	20.9	79.3	118.667
7/22/2023 7:21	56	20.9	79	118.571
7/22/2023 7:21	56	20.9	78.2	118.762
7/22/2023 7:21	56	20.9	77.9	118.667
7/22/2023 7:22	56	20.9	77.7	120.667
7/22/2023 7:22	56	20.9	77.4	120.476
7/22/2023 7:22	56	20.9	77.8	120.286
7/22/2023 7:22	56	20.9	78	118.762
7/22/2023 7:22	56	20.9	78.1	118.381
7/22/2023 7:22	56	20.9	78.2	118.476
7/22/2023 7:23	57	20.9	78.3	118.571
7/22/2023 7:23	57	20.9	78.2	119.429

2. Panel Batterai

time	Voltage Battery 1	Voltage Battery 2	Voltage Battery 3	Voltage Battery 4	Voltage Battery 5	Voltage Battery 6
7/22/2023 6:00	12.5884	12.57	12.7062	12.577	12.501	12.6814
7/22/2023 6:00	12.5884	12.57	12.7062	12.577	12.501	12.6814
7/22/2023 6:00	12.5884	12.57	12.7062	12.577	12.501	12.6814
7/22/2023 6:00	12.5884	12.57	12.7062	12.577	12.501	12.6814
7/22/2023 6:00	12.5884	12.57	12.7062	12.577	12.501	12.6814
7/22/2023 6:00	12.5884	12.57	12.7062	12.577	12.501	12.6814
7/22/2023 6:01	12.5884	12.57	12.7062	12.577	12.501	12.6814
7/22/2023 6:01	12.4232	12.399	12.5421	12.415	12.336	12.5139
7/22/2023 6:01	12.4232	12.399	12.5421	12.415	12.336	12.5139
7/22/2023 6:01	12.4232	12.399	12.5421	12.415	12.336	12.5139
7/22/2023 6:01	12.4232	12.399	12.5421	12.415	12.336	12.5139

7/22/2023 6:16	12.4553	12.435	12.5796	12.451	12.368	12.5511
7/22/2023 6:16	12.4553	12.435	12.5796	12.451	12.373	12.5511
7/22/2023 6:16	12.4599	12.435	12.5796	12.451	12.373	12.5511
7/22/2023 6:16	12.4553	12.435	12.5796	12.451	12.373	12.5511
7/22/2023 6:17	12.4599	12.435	12.5796	12.451	12.373	12.5604
7/22/2023 6:17	12.4599	12.435	12.5796	12.451	12.373	12.5604
7/22/2023 6:17	12.4599	12.435	12.5796	12.451	12.373	12.5604
7/22/2023 6:17	12.4599	12.444	12.5796	12.451	12.373	12.5604
7/22/2023 6:17	12.4599	12.435	12.5796	12.451	12.373	12.5604
7/22/2023 6:17	12.4599	12.444	12.5796	12.451	12.373	12.5604
7/22/2023 6:18	12.4599	12.444	12.5796	12.451	12.373	12.5604
7/22/2023 6:18	12.4599	12.444	12.5796	12.451	12.373	12.5604
7/22/2023 6:18	12.4599	12.444	12.5843	12.451	12.373	12.5604
7/22/2023 6:18	12.4645	12.444	12.5843	12.451	12.373	12.5604
7/22/2023 6:18	12.4645	12.444	12.5843	12.451	12.377	12.5604
7/22/2023 6:18	12.4645	12.444	12.5843	12.46	12.377	12.5604
7/22/2023 6:19	12.4645	12.444	12.5843	12.46	12.377	12.5604
7/22/2023 6:19	12.4645	12.444	12.5843	12.46	12.377	12.5604
7/22/2023 6:19	12.4645	12.444	12.5843	12.46	12.377	12.5604
7/22/2023 6:19	12.4645	12.444	12.5843	12.46	12.377	12.5604
7/22/2023 6:19	12.4645	12.444	12.5843	12.46	12.377	12.5604
7/22/2023 6:19	12.4645	12.444	12.5843	12.46	12.377	12.5604
7/22/2023 6:20	12.4645	12.444	12.589	12.46	12.382	12.5697
7/22/2023 6:20	12.4691	12.444	12.589	12.46	12.382	12.5697
7/22/2023 6:20	12.4691	12.444	12.589	12.46	12.382	12.5697
7/22/2023 6:20	12.4691	12.444	12.589	12.46	12.382	12.5697
7/22/2023 6:20	12.4691	12.453	12.589	12.46	12.382	12.5697
7/22/2023 6:20	12.4691	12.444	12.589	12.46	12.382	12.5697
7/22/2023 6:21	12.4691	12.444	12.589	12.46	12.382	12.5697

7/22/2023 6:21	12.4645	12.444	12.589	12.46	12.382	12.5604
7/22/2023 6:21	12.4691	12.444	12.589	12.46	12.382	12.5697
7/22/2023 6:21	12.4691	12.444	12.589	12.46	12.382	12.5697
7/22/2023 6:21	12.4691	12.444	12.589	12.46	12.382	12.5697
7/22/2023 6:21	12.4691	12.453	12.589	12.46	12.382	12.5697
7/22/2023 6:22	12.4691	12.453	12.589	12.46	12.386	12.5697
7/22/2023 6:22	12.4691	12.453	12.589	12.46	12.382	12.5697
7/22/2023 6:22	12.4691	12.453	12.589	12.46	12.382	12.5697
7/22/2023 6:22	12.4691	12.453	12.5937	12.46	12.386	12.5697
7/22/2023 6:22	12.4737	12.453	12.5937	12.469	12.386	12.5697
7/22/2023 6:22	12.4737	12.453	12.5937	12.46	12.386	12.5697
7/22/2023 6:23	12.4691	12.453	12.5937	12.469	12.386	12.5697
7/22/2023 6:23	12.4737	12.453	12.5937	12.46	12.386	12.5697
7/22/2023 6:23	12.4737	12.453	12.5937	12.469	12.386	12.5697
7/22/2023 6:23	12.4737	12.453	12.5937	12.469	12.391	12.5697
7/22/2023 6:23	12.4737	12.453	12.5937	12.469	12.386	12.5697
7/22/2023 6:23	12.4737	12.453	12.5937	12.469	12.386	12.5697
7/22/2023 6:23	12.4737	12.453	12.5937	12.469	12.386	12.5697
7/22/2023 6:24	12.4737	12.453	12.5937	12.469	12.386	12.5697
7/22/2023 6:24	12.4737	12.453	12.5937	12.469	12.386	12.5697
7/22/2023 6:24	12.4782	12.462	12.5984	12.469	12.391	12.579
7/22/2023 6:24	12.4737	12.453	12.5984	12.469	12.391	12.5697
7/22/2023 6:24	12.4782	12.453	12.5984	12.469	12.391	12.579
7/22/2023 6:24	12.4737	12.453	12.5984	12.469	12.386	12.5697
7/22/2023 6:25	12.4782	12.453	12.5984	12.469	12.391	12.579
7/22/2023 6:25	12.4737	12.453	12.5984	12.469	12.391	12.5697
7/22/2023 6:25	12.4782	12.462	12.5984	12.469	12.391	12.579
7/22/2023 6:25	12.4782	12.453	12.5984	12.469	12.391	12.579
7/22/2023 6:25	12.4782	12.453	12.5984	12.469	12.391	12.579
7/22/2023 6:25	12.4782	12.453	12.5984	12.469	12.391	12.579

7/22/2023 6:26	12.4828	12.462	12.6031	12.478	12.396	12.579
7/22/2023 6:26	12.4782	12.462	12.5984	12.469	12.396	12.579
7/22/2023 6:26	12.4782	12.462	12.5984	12.469	12.391	12.579
7/22/2023 6:26	12.4828	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:26	12.4828	12.462	12.6031	12.478	12.4	12.5884
7/22/2023 6:26	12.4828	12.462	12.6031	12.478	12.396	12.579
7/22/2023 6:27	12.4828	12.462	12.6031	12.478	12.396	12.579
7/22/2023 6:27	12.4828	12.462	12.6031	12.478	12.396	12.579
7/22/2023 6:27	12.4828	12.462	12.6031	12.478	12.396	12.579
7/22/2023 6:27	12.4874	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:27	12.492	12.471	12.6125	12.478	12.4	12.5884
7/22/2023 6:27	12.4828	12.462	12.6031	12.478	12.396	12.579
7/22/2023 6:28	12.4828	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:28	12.4874	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:28	12.4828	12.462	12.6031	12.478	12.396	12.5884
7/22/2023 6:28	12.4828	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:28	12.4828	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:28	12.4874	12.471	12.6125	12.487	12.405	12.5884
7/22/2023 6:29	12.4874	12.471	12.6078	12.478	12.4	12.5884
7/22/2023 6:29	12.4874	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:29	12.4874	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:29	12.4874	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:29	12.4874	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:29	12.492	12.471	12.6125	12.487	12.405	12.5884
7/22/2023 6:29	12.4874	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:30	12.4874	12.471	12.6125	12.487	12.409	12.5977
7/22/2023 6:30	12.492	12.471	12.6125	12.487	12.405	12.5884
7/22/2023 6:30	12.4874	12.462	12.6078	12.478	12.4	12.5884
7/22/2023 6:30	12.4874	12.462	12.6078	12.478	12.405	12.5884
7/22/2023 6:30	12.4874	12.462	12.6078	12.478	12.4	12.5884

7/22/2023 6:30	12.4874	12.471	12.6125	12.487	12.405	12.5884
7/22/2023 6:31	12.492	12.471	12.6125	12.487	12.405	12.5884
7/22/2023 6:31	12.5012	12.48	12.6171	12.487	12.409	12.5977
7/22/2023 6:31	12.492	12.471	12.6125	12.487	12.405	12.5977
7/22/2023 6:31	12.5012	12.48	12.6218	12.487	12.409	12.5977
7/22/2023 6:31	12.492	12.471	12.6125	12.487	12.405	12.5884
7/22/2023 6:31	12.4874	12.471	12.6125	12.487	12.405	12.5884
7/22/2023 6:32	12.492	12.471	12.6125	12.487	12.405	12.5977
7/22/2023 6:32	12.4966	12.471	12.6171	12.487	12.409	12.5977
7/22/2023 6:32	12.4966	12.471	12.6171	12.487	12.405	12.5977
7/22/2023 6:32	12.4966	12.471	12.6171	12.487	12.419	12.607
7/22/2023 6:32	12.5012	12.48	12.6218	12.496	12.414	12.5977
7/22/2023 6:32	12.5012	12.48	12.6218	12.496	12.409	12.5977
7/22/2023 6:33	12.492	12.471	12.6125	12.487	12.405	12.5977
7/22/2023 6:33	12.492	12.471	12.6125	12.487	12.405	12.5977
7/22/2023 6:33	12.4966	12.48	12.6171	12.487	12.409	12.5977
7/22/2023 6:33	12.4966	12.471	12.6171	12.487	12.409	12.5977
7/22/2023 6:33	12.4966	12.48	12.6171	12.487	12.409	12.5977
7/22/2023 6:33	12.4966	12.471	12.6171	12.487	12.409	12.5977
7/22/2023 6:33	12.4966	12.471	12.6171	12.487	12.419	12.607
7/22/2023 6:34	12.4966	12.471	12.6171	12.487	12.409	12.5977
7/22/2023 6:34	12.4966	12.471	12.6171	12.487	12.409	12.5977
7/22/2023 6:34	12.4966	12.48	12.6218	12.487	12.409	12.5977
7/22/2023 6:34	12.5012	12.489	12.6312	12.496	12.419	12.607
7/22/2023 6:34	12.4966	12.48	12.6171	12.487	12.409	12.5977
7/22/2023 6:35	12.4966	12.48	12.6218	12.487	12.409	12.5977
7/22/2023 6:35	12.5012	12.48	12.6218	12.496	12.414	12.607
7/22/2023 6:35	12.5012	12.48	12.6218	12.496	12.414	12.607
7/22/2023 6:35	12.5012	12.48	12.6218	12.496	12.414	12.5977

7/22/2023 6:35	12.5058	12.489	12.6312	12.496	12.419	12.607
7/22/2023 6:35	12.515	12.489	12.6312	12.496	12.419	12.607
7/22/2023 6:36	12.5012	12.48	12.6218	12.496	12.414	12.607
7/22/2023 6:36	12.5012	12.48	12.6265	12.496	12.419	12.607
7/22/2023 6:36	12.5012	12.48	12.6218	12.496	12.414	12.607
7/22/2023 6:36	12.5104	12.489	12.6312	12.496	12.419	12.607
7/22/2023 6:36	12.5012	12.48	12.6265	12.496	12.419	12.607
7/22/2023 6:36	12.5012	12.48	12.6218	12.496	12.414	12.607
7/22/2023 6:37	12.5012	12.48	12.6265	12.496	12.419	12.607
7/22/2023 6:37	12.515	12.498	12.6359	12.505	12.423	12.6163
7/22/2023 6:37	12.5104	12.489	12.6312	12.496	12.423	12.607
7/22/2023 6:37	12.5058	12.489	12.6265	12.496	12.419	12.607
7/22/2023 6:37	12.5058	12.489	12.6265	12.496	12.419	12.607
7/22/2023 6:37	12.5104	12.489	12.6312	12.505	12.423	12.6163
7/22/2023 6:38	12.5058	12.489	12.6265	12.496	12.419	12.607
7/22/2023 6:38	12.5104	12.489	12.6312	12.496	12.423	12.607
7/22/2023 6:38	12.5058	12.489	12.6312	12.505	12.423	12.6163
7/22/2023 6:38	12.5196	12.498	12.6359	12.505	12.428	12.6163
7/22/2023 6:38	12.515	12.489	12.6312	12.505	12.423	12.6163
7/22/2023 6:38	12.5104	12.489	12.6312	12.505	12.437	12.6256
7/22/2023 6:39	12.5104	12.489	12.6312	12.505	12.428	12.6256
7/22/2023 6:39	12.5104	12.489	12.6312	12.505	12.423	12.6163
7/22/2023 6:39	12.5104	12.489	12.6312	12.505	12.423	12.6163
7/22/2023 6:39	12.515	12.489	12.6312	12.505	12.428	12.6163
7/22/2023 6:39	12.515	12.498	12.6453	12.505	12.423	12.6163
7/22/2023 6:39	12.515	12.489	12.6312	12.505	12.428	12.6163
7/22/2023 6:40	12.5104	12.489	12.6312	12.505	12.423	12.6163
7/22/2023 6:40	12.5287	12.507	12.6453	12.514	12.432	12.6256
7/22/2023 6:40	12.515	12.489	12.6359	12.505	12.428	12.6163

7/22/2023 6:40	12.515	12.498	12.6359	12.505	12.428	12.6163
7/22/2023 6:40	12.515	12.489	12.6359	12.505	12.428	12.6163
7/22/2023 6:40	12.5196	12.498	12.6359	12.514	12.428	12.6163
7/22/2023 6:41	12.515	12.489	12.6359	12.505	12.428	12.6163
7/22/2023 6:41	12.515	12.498	12.6359	12.505	12.428	12.6163
7/22/2023 6:41	12.5242	12.507	12.65	12.514	12.437	12.6256
7/22/2023 6:41	12.5242	12.498	12.6453	12.514	12.432	12.6256
7/22/2023 6:41	12.515	12.498	12.6359	12.505	12.428	12.6163
7/22/2023 6:41	12.515	12.498	12.6359	12.505	12.428	12.6163
7/22/2023 6:42	12.5196	12.507	12.6547	12.523	12.442	12.6349
7/22/2023 6:42	12.5196	12.498	12.6406	12.514	12.432	12.6256
7/22/2023 6:42	12.5196	12.498	12.6406	12.514	12.432	12.6256
7/22/2023 6:42	12.5196	12.498	12.6406	12.514	12.432	12.6256
7/22/2023 6:42	12.5287	12.507	12.65	12.523	12.442	12.6349
7/22/2023 6:42	12.5196	12.498	12.6406	12.514	12.432	12.6256
7/22/2023 6:43	12.5287	12.507	12.6453	12.514	12.437	12.6256
7/22/2023 6:43	12.5242	12.498	12.6453	12.514	12.437	12.6256
7/22/2023 6:43	12.5242	12.498	12.6453	12.514	12.437	12.6256
7/22/2023 6:43	12.5242	12.498	12.6453	12.514	12.437	12.6256
7/22/2023 6:43	12.5242	12.507	12.6453	12.514	12.437	12.6256
7/22/2023 6:43	12.5242	12.507	12.6453	12.514	12.437	12.6256
7/22/2023 6:43	12.5242	12.507	12.6453	12.514	12.437	12.6256
7/22/2023 6:44	12.5242	12.507	12.65	12.514	12.442	12.6349
7/22/2023 6:44	12.5242	12.507	12.65	12.523	12.442	12.6349
7/22/2023 6:44	12.5287	12.507	12.65	12.523	12.442	12.6349
7/22/2023 6:44	12.5333	12.507	12.65	12.523	12.442	12.6349
7/22/2023 6:44	12.5287	12.507	12.65	12.523	12.442	12.6349
7/22/2023 6:44	12.5333	12.516	12.6547	12.523	12.446	12.6349
7/22/2023 6:45	12.5333	12.516	12.6547	12.523	12.446	12.6349
7/22/2023 6:45	12.5287	12.507	12.6547	12.532	12.455	12.6442

7/22/2023 6:45	12.5287	12.507	12.65	12.523	12.442	12.6349
7/22/2023 6:45	12.5287	12.507	12.65	12.523	12.442	12.6349
7/22/2023 6:45	12.5287	12.507	12.65	12.523	12.442	12.6349
7/22/2023 6:45	12.5425	12.516	12.6593	12.532	12.451	12.6442
7/22/2023 6:46	12.5333	12.516	12.6547	12.523	12.446	12.6349
7/22/2023 6:46	12.5333	12.516	12.6547	12.523	12.446	12.6349
7/22/2023 6:46	12.5333	12.516	12.6687	12.541	12.46	12.6442
7/22/2023 6:46	12.5333	12.516	12.6593	12.532	12.451	12.6442
7/22/2023 6:46	12.5333	12.516	12.6547	12.523	12.446	12.6349
7/22/2023 6:46	12.5425	12.525	12.664	12.532	12.451	12.6442
7/22/2023 6:47	12.5379	12.516	12.6593	12.532	12.465	12.6535
7/22/2023 6:47	12.5379	12.516	12.6593	12.532	12.451	12.6442
7/22/2023 6:47	12.5379	12.516	12.6593	12.532	12.465	12.6535
7/22/2023 6:47	12.5379	12.516	12.664	12.541	12.465	12.6535
7/22/2023 6:47	12.5379	12.516	12.6593	12.532	12.451	12.6442
7/22/2023 6:47	12.5517	12.534	12.6734	12.541	12.46	12.6535
7/22/2023 6:48	12.5425	12.516	12.664	12.532	12.455	12.6442
7/22/2023 6:48	12.5379	12.516	12.6593	12.532	12.451	12.6442
7/22/2023 6:48	12.5517	12.525	12.6687	12.541	12.46	12.6442
7/22/2023 6:48	12.5471	12.525	12.664	12.532	12.455	12.6442
7/22/2023 6:48	12.5379	12.525	12.664	12.532	12.46	12.6535
7/22/2023 6:48	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:49	12.5425	12.525	12.664	12.541	12.465	12.6628
7/22/2023 6:49	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:49	12.5471	12.525	12.6687	12.532	12.46	12.6535
7/22/2023 6:49	12.5425	12.525	12.664	12.532	12.455	12.6442
7/22/2023 6:49	12.5517	12.534	12.6734	12.541	12.465	12.6535
7/22/2023 6:49	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:50	12.5471	12.525	12.6687	12.532	12.46	12.6535

7/22/2023 6:50	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:50	12.5425	12.525	12.6687	12.541	12.465	12.6628
7/22/2023 6:50	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:50	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:50	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:51	12.5471	12.525	12.6687	12.532	12.46	12.6535
7/22/2023 6:51	12.5609	12.534	12.6781	12.55	12.469	12.6628
7/22/2023 6:51	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:51	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:51	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:51	12.5563	12.534	12.6734	12.541	12.465	12.6628
7/22/2023 6:52	12.5471	12.525	12.6687	12.55	12.474	12.6628
7/22/2023 6:52	12.5517	12.525	12.6687	12.541	12.465	12.6535
7/22/2023 6:52	12.5471	12.525	12.6687	12.541	12.465	12.6628
7/22/2023 6:52	12.5471	12.534	12.6734	12.55	12.465	12.6628
7/22/2023 6:52	12.5471	12.525	12.6687	12.541	12.46	12.6535
7/22/2023 6:52	12.5517	12.525	12.6734	12.541	12.465	12.6535
7/22/2023 6:52	12.5517	12.525	12.6734	12.541	12.465	12.6535
7/22/2023 6:52	12.5517	12.525	12.6734	12.541	12.465	12.6535
7/22/2023 6:52	12.5517	12.525	12.6734	12.541	12.465	12.6535
7/22/2023 6:52	12.5517	12.525	12.6734	12.541	12.465	12.6535
7/22/2023 6:53	12.5563	12.534	12.6734	12.541	12.465	12.6628
7/22/2023 6:53	12.5517	12.534	12.6734	12.541	12.465	12.6628
7/22/2023 6:53	12.5517	12.534	12.6734	12.541	12.465	12.6535
7/22/2023 6:53	12.5609	12.543	12.6828	12.55	12.474	12.6628
7/22/2023 6:53	12.5517	12.534	12.6734	12.541	12.469	12.6628
7/22/2023 6:53	12.5517	12.534	12.6734	12.55	12.465	12.6628
7/22/2023 6:53	12.5517	12.534	12.6734	12.55	12.465	12.6628
7/22/2023 6:54	12.5655	12.534	12.6828	12.55	12.469	12.6628
7/22/2023 6:54	12.5563	12.534	12.6781	12.55	12.469	12.6628
7/22/2023 6:54	12.5609	12.534	12.6781	12.55	12.469	12.6628
7/22/2023 6:54	12.5563	12.534	12.6734	12.55	12.469	12.6628
7/22/2023 6:54	12.5609	12.534	12.6828	12.55	12.469	12.6628
7/22/2023 6:54	12.5517	12.534	12.6734	12.541	12.465	12.6628

7/22/2023 6:55	12.5563	12.534	12.6781	12.55	12.469	12.6721
7/22/2023 6:55	12.5563	12.534	12.6875	12.559	12.478	12.6721
7/22/2023 6:55	12.5701	12.543	12.6875	12.55	12.474	12.6721
7/22/2023 6:55	12.5609	12.534	12.6828	12.55	12.474	12.6628
7/22/2023 6:55	12.5563	12.534	12.6781	12.55	12.474	12.6628
7/22/2023 6:55	12.5563	12.534	12.6781	12.55	12.474	12.6628
7/22/2023 6:56	12.5609	12.534	12.6828	12.55	12.474	12.6721
7/22/2023 6:56	12.5563	12.534	12.6781	12.55	12.474	12.6628
7/22/2023 6:56	12.5609	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:56	12.5609	12.534	12.6828	12.55	12.474	12.6628
7/22/2023 6:56	12.5655	12.543	12.6875	12.559	12.474	12.6721
7/22/2023 6:56	12.5609	12.543	12.6828	12.55	12.474	12.6721
7/22/2023 6:57	12.5747	12.552	12.6922	12.559	12.478	12.6721
7/22/2023 6:57	12.5609	12.543	12.6828	12.55	12.474	12.6721
7/22/2023 6:57	12.5609	12.543	12.6828	12.55	12.474	12.6721
7/22/2023 6:57	12.5609	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:57	12.5655	12.543	12.6875	12.559	12.483	12.6814
7/22/2023 6:57	12.5655	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:58	12.5655	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:58	12.5609	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:58	12.5655	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:58	12.5655	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:58	12.5655	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:58	12.5655	12.543	12.6922	12.568	12.487	12.6814
7/22/2023 6:59	12.5701	12.552	12.6922	12.559	12.483	12.6721
7/22/2023 6:59	12.5701	12.543	12.6875	12.559	12.483	12.6721
7/22/2023 6:59	12.5701	12.543	12.6875	12.559	12.478	12.6721
7/22/2023 6:59	12.5701	12.543	12.6922	12.559	12.487	12.6814
7/22/2023 6:59	12.5701	12.543	12.6922	12.559	12.483	12.6721

7/22/2023 6:59	12.5701	12.552	12.6922	12.559	12.483	12.6721
7/22/2023 7:00	12.5701	12.552	12.6922	12.559	12.483	12.6814
7/22/2023 7:00	12.5747	12.552	12.6922	12.559	12.483	12.6814
7/22/2023 7:00	12.5701	12.552	12.6968	12.559	12.483	12.6814
7/22/2023 7:00	12.5701	12.552	12.6922	12.559	12.483	12.6814
7/22/2023 7:00	12.5747	12.552	12.6968	12.559	12.483	12.6814
7/22/2023 7:00	12.5792	12.561	12.7015	12.568	12.487	12.6814
7/22/2023 7:01	12.5701	12.552	12.7015	12.568	12.492	12.6814
7/22/2023 7:01	12.5701	12.552	12.6922	12.568	12.492	12.6907
7/22/2023 7:01	12.5747	12.552	12.6968	12.559	12.487	12.6814
7/22/2023 7:01	12.5747	12.552	12.7015	12.568	12.487	12.6814
7/22/2023 7:01	12.5747	12.552	12.6922	12.559	12.483	12.6814
7/22/2023 7:01	12.5747	12.552	12.6968	12.568	12.487	12.6814
7/22/2023 7:02	12.5747	12.552	12.6968	12.568	12.487	12.6814
7/22/2023 7:02	12.5747	12.552	12.6968	12.568	12.487	12.6814
7/22/2023 7:02	12.5747	12.552	12.6968	12.568	12.487	12.6814
7/22/2023 7:02	12.5747	12.552	12.6968	12.568	12.487	12.6814
7/22/2023 7:02	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:02	12.5792	12.552	12.6968	12.568	12.487	12.6814
7/22/2023 7:03	12.5792	12.552	12.7015	12.568	12.487	12.6814
7/22/2023 7:03	12.5747	12.552	12.6968	12.568	12.487	12.6814
7/22/2023 7:03	12.5792	12.552	12.6968	12.568	12.487	12.6814
7/22/2023 7:03	12.5747	12.552	12.6968	12.568	12.497	12.6907
7/22/2023 7:03	12.5747	12.552	12.6968	12.568	12.492	12.6814
7/22/2023 7:03	12.5747	12.552	12.7015	12.568	12.492	12.6907
7/22/2023 7:04	12.5792	12.552	12.7015	12.568	12.492	12.6907
7/22/2023 7:04	12.5747	12.552	12.7015	12.568	12.492	12.6814
7/22/2023 7:04	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:04	12.5792	12.561	12.7015	12.568	12.492	12.6814

7/22/2023 7:04	12.5792	12.552	12.7015	12.568	12.492	12.6814
7/22/2023 7:04	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:05	12.5838	12.561	12.7062	12.568	12.492	12.6907
7/22/2023 7:05	12.5747	12.552	12.7015	12.568	12.492	12.6907
7/22/2023 7:05	12.5838	12.561	12.7062	12.568	12.492	12.6907
7/22/2023 7:05	12.5792	12.561	12.7015	12.568	12.492	12.6814
7/22/2023 7:05	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:05	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:06	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:06	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:06	12.5792	12.561	12.7062	12.586	12.506	12.7
7/22/2023 7:06	12.593	12.57	12.7109	12.577	12.501	12.7
7/22/2023 7:06	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:06	12.5792	12.561	12.7015	12.568	12.497	12.7
7/22/2023 7:07	12.5884	12.57	12.7109	12.577	12.501	12.7
7/22/2023 7:07	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:07	12.593	12.57	12.7109	12.577	12.501	12.7
7/22/2023 7:07	12.5792	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:07	12.5792	12.561	12.7109	12.586	12.506	12.7
7/22/2023 7:07	12.5792	12.561	12.7015	12.568	12.497	12.6907
7/22/2023 7:08	12.5838	12.561	12.7015	12.568	12.492	12.6907
7/22/2023 7:08	12.593	12.57	12.7156	12.586	12.501	12.7
7/22/2023 7:08	12.5884	12.57	12.7109	12.577	12.497	12.6907
7/22/2023 7:08	12.5792	12.561	12.7062	12.577	12.506	12.7
7/22/2023 7:08	12.5792	12.561	12.7015	12.568	12.501	12.7
7/22/2023 7:08	12.593	12.57	12.7109	12.577	12.501	12.7
7/22/2023 7:09	12.5792	12.561	12.7015	12.568	12.497	12.6907
7/22/2023 7:09	12.5884	12.561	12.7062	12.577	12.497	12.6907
7/22/2023 7:09	12.5838	12.561	12.7062	12.568	12.497	12.6907

7/22/2023 7:09	12.5838	12.561	12.7062	12.577	12.497	12.6907
7/22/2023 7:09	12.593	12.57	12.7109	12.577	12.501	12.7
7/22/2023 7:09	12.5838	12.561	12.7062	12.568	12.497	12.6907
7/22/2023 7:10	12.5884	12.561	12.7062	12.577	12.497	12.6907
7/22/2023 7:10	12.593	12.57	12.7109	12.577	12.501	12.7
7/22/2023 7:10	12.5838	12.561	12.7062	12.577	12.497	12.6907
7/22/2023 7:10	12.5976	12.57	12.7156	12.586	12.501	12.7
7/22/2023 7:10	12.5884	12.561	12.7109	12.577	12.501	12.7
7/22/2023 7:10	12.5884	12.57	12.7156	12.586	12.51	12.7
7/22/2023 7:11	12.5884	12.57	12.7156	12.586	12.506	12.7
7/22/2023 7:11	12.593	12.57	12.7109	12.577	12.501	12.7
7/22/2023 7:11	12.593	12.57	12.7156	12.586	12.501	12.7
7/22/2023 7:11	12.5976	12.579	12.7203	12.586	12.506	12.7
7/22/2023 7:11	12.5884	12.57	12.7109	12.577	12.501	12.7
7/22/2023 7:11	12.593	12.57	12.7156	12.586	12.506	12.7
7/22/2023 7:12	12.593	12.57	12.7156	12.586	12.51	12.7093
7/22/2023 7:12	12.593	12.57	12.7156	12.586	12.51	12.7093
7/22/2023 7:12	12.593	12.579	12.7203	12.586	12.51	12.7093
7/22/2023 7:12	12.593	12.57	12.7156	12.586	12.506	12.7093
7/22/2023 7:12	12.593	12.57	12.7156	12.586	12.506	12.7
7/22/2023 7:12	12.593	12.57	12.7109	12.586	12.506	12.7
7/22/2023 7:13	12.593	12.57	12.7156	12.586	12.506	12.7
7/22/2023 7:13	12.6022	12.579	12.7203	12.586	12.51	12.7093
7/22/2023 7:13	12.593	12.57	12.7156	12.586	12.506	12.7
7/22/2023 7:13	12.5976	12.57	12.7156	12.586	12.506	12.7
7/22/2023 7:13	12.593	12.57	12.7156	12.586	12.506	12.7
7/22/2023 7:13	12.6022	12.579	12.7203	12.586	12.51	12.7093
7/22/2023 7:14	12.593	12.57	12.7156	12.586	12.515	12.7093
7/22/2023 7:14	12.593	12.57	12.7203	12.586	12.51	12.7093

7/22/2023 7:14	12.593	12.57	12.7156	12.586	12.51	12.7093
7/22/2023 7:14	12.593	12.57	12.7156	12.586	12.51	12.7093
7/22/2023 7:14	12.593	12.57	12.7203	12.586	12.515	12.7093
7/22/2023 7:14	12.5976	12.579	12.7203	12.586	12.51	12.7093
7/22/2023 7:15	12.5976	12.579	12.7203	12.586	12.51	12.7093
7/22/2023 7:15	12.5976	12.579	12.7203	12.586	12.51	12.7093
7/22/2023 7:15	12.6068	12.579	12.725	12.595	12.515	12.7093
7/22/2023 7:15	12.5976	12.579	12.725	12.595	12.515	12.7093
7/22/2023 7:15	12.6022	12.579	12.725	12.595	12.515	12.7093
7/22/2023 7:15	12.5976	12.579	12.7203	12.586	12.51	12.7093
7/22/2023 7:16	12.5976	12.579	12.7203	12.586	12.515	12.7093
7/22/2023 7:16	12.5976	12.579	12.7203	12.595	12.515	12.7093
7/22/2023 7:16	12.6022	12.579	12.7203	12.595	12.515	12.7093
7/22/2023 7:16	12.6022	12.579	12.7297	12.595	12.52	12.7186
7/22/2023 7:16	12.6114	12.588	12.7297	12.595	12.515	12.7093
7/22/2023 7:16	12.6022	12.579	12.725	12.595	12.515	12.7093
7/22/2023 7:17	12.6022	12.579	12.725	12.595	12.515	12.7093
7/22/2023 7:17	12.6022	12.579	12.725	12.595	12.52	12.7186
7/22/2023 7:17	12.6068	12.579	12.725	12.595	12.515	12.7093
7/22/2023 7:17	12.6068	12.588	12.7297	12.595	12.52	12.7186
7/22/2023 7:17	12.6068	12.588	12.7297	12.595	12.52	12.7186
7/22/2023 7:17	12.6068	12.588	12.7297	12.595	12.52	12.7186
7/22/2023 7:18	12.6068	12.588	12.7297	12.595	12.52	12.7186
7/22/2023 7:18	12.6114	12.588	12.7297	12.595	12.52	12.7186
7/22/2023 7:18	12.6114	12.588	12.7297	12.595	12.52	12.7186
7/22/2023 7:18	12.6068	12.588	12.7297	12.595	12.52	12.7186
7/22/2023 7:18	12.6114	12.588	12.7297	12.604	12.529	12.7186
7/22/2023 7:18	12.6114	12.588	12.7297	12.604	12.52	12.7186
7/22/2023 7:19	12.6114	12.588	12.7344	12.604	12.524	12.7186

7/22/2023 7:19	12.6114	12.588	12.7344	12.604	12.524	12.7186
7/22/2023 7:19	12.616	12.597	12.7344	12.604	12.524	12.7186
7/22/2023 7:19	12.6114	12.588	12.7344	12.604	12.524	12.7186
7/22/2023 7:19	12.6114	12.588	12.7344	12.604	12.524	12.7186
7/22/2023 7:19	12.616	12.597	12.7344	12.604	12.524	12.7186
7/22/2023 7:20	12.6114	12.588	12.7344	12.604	12.524	12.7279
7/22/2023 7:20	12.616	12.597	12.739	12.604	12.524	12.7186
7/22/2023 7:20	12.616	12.588	12.7344	12.604	12.529	12.7279
7/22/2023 7:20	12.616	12.597	12.739	12.604	12.524	12.7279
7/22/2023 7:20	12.616	12.597	12.739	12.604	12.529	12.7279
7/22/2023 7:20	12.616	12.597	12.739	12.604	12.529	12.7279
7/22/2023 7:21	12.616	12.597	12.739	12.604	12.529	12.7279
7/22/2023 7:21	12.616	12.597	12.7437	12.613	12.533	12.7279
7/22/2023 7:21	12.6206	12.597	12.739	12.613	12.529	12.7279
7/22/2023 7:21	12.616	12.597	12.739	12.604	12.529	12.7279
7/22/2023 7:21	12.616	12.597	12.739	12.604	12.529	12.7279
7/22/2023 7:21	12.616	12.597	12.739	12.604	12.529	12.7279
7/22/2023 7:21	12.616	12.597	12.739	12.604	12.529	12.7279
7/22/2023 7:22	12.6252	12.597	12.7437	12.613	12.533	12.7279
7/22/2023 7:22	12.616	12.597	12.739	12.604	12.533	12.7279
7/22/2023 7:22	12.616	12.597	12.739	12.604	12.529	12.7279
7/22/2023 7:22	12.6206	12.597	12.7437	12.613	12.533	12.7279
7/22/2023 7:22	12.6206	12.597	12.7437	12.613	12.533	12.7279
7/22/2023 7:22	12.6206	12.597	12.7484	12.613	12.533	12.7372
7/22/2023 7:23	12.6252	12.606	12.7484	12.613	12.533	12.7279
7/22/2023 7:23	12.6206	12.597	12.7437	12.613	12.533	12.7279

3. Panel AC

time	Voltage AC	Current AC	Power AC	Energy AC
7/22/2023 6:00	231.61	0.129	0.0113	284.8
7/22/2023 6:00	231.61	0.129	0.0113	284.8
7/22/2023 6:00	231.61	0.129	0.0113	284.8
7/22/2023 6:00	231.61	0.129	0.0113	284.8
7/22/2023 6:00	231.61	0.129	0.0113	284.8
7/22/2023 6:00	231.61	0.129	0.0113	284.8
7/22/2023 6:01	231.61	0.129	0.0113	284.8
7/22/2023 6:01	231.79	0.126	0.0115	284.9
7/22/2023 6:01	231.86	0.125	0.0113	284.9
7/22/2023 6:01	231.82	0.126	0.0114	284.9
7/22/2023 6:01	231.79	0.128	0.0118	284.9
7/22/2023 6:01	231.8	0.129	0.012	284.9
7/22/2023 6:02	232	0.126	0.0115	284.9
7/22/2023 6:02	231.82	0.13	0.012	284.9

7/22/2023 6:02	231.85	0.129	0.0118	284.9
7/22/2023 6:02	231.84	0.129	0.0119	284.9
7/22/2023 6:02	231.66	0.129	0.012	284.9
7/22/2023 6:02	232.31	0.128	0.0117	284.9
7/22/2023 6:03	231.7	0.13	0.0123	284.9
7/22/2023 6:03	232.04	0.13	0.012	284.9
7/22/2023 6:03	231.75	0.129	0.012	284.9
7/22/2023 6:03	231.61	0.128	0.0118	284.9
7/22/2023 6:03	231.76	0.129	0.0119	284.9
7/22/2023 6:03	231.72	0.129	0.012	284.9
7/22/2023 6:04	231.86	0.125	0.0111	284.9
7/22/2023 6:04	231.66	0.128	0.0118	284.9
7/22/2023 6:04	231.72	0.128	0.0118	284.9
7/22/2023 6:04	231.87	0.129	0.0121	284.9
7/22/2023 6:04	231.64	0.128	0.012	284.9
7/22/2023 6:04	231.9	0.129	0.0118	284.9
7/22/2023 6:05	231.9	0.13	0.0122	284.9
7/22/2023 6:05	231.9	0.13	0.0119	284.9
7/22/2023 6:05	231.93	0.128	0.012	284.9

7/22/2023 6:05	232.07	0.131	0.0121	284.9
7/22/2023 6:05	231.63	0.13	0.0121	284.9
7/22/2023 6:05	231.99	0.128	0.0117	284.9
7/22/2023 6:06	231.99	0.126	0.0113	284.9
7/22/2023 6:06	231.88	0.128	0.0117	284.9
7/22/2023 6:06	231.63	0.129	0.0119	284.9
7/22/2023 6:06	231.77	0.129	0.012	284.9
7/22/2023 6:06	231.67	0.129	0.0119	284.9
7/22/2023 6:06	231.88	0.129	0.0118	284.9
7/22/2023 6:07	231.92	0.131	0.0124	284.9
7/22/2023 6:07	231.93	0.129	0.012	284.9
7/22/2023 6:07	231.39	0.128	0.0115	284.9
7/22/2023 6:07	231.91	0.13	0.0121	284.9
7/22/2023 6:07	231.78	0.128	0.0118	284.9
7/22/2023 6:07	231.67	0.13	0.0122	284.9
7/22/2023 6:08	231.81	0.126	0.0113	284.9
7/22/2023 6:08	231.9	0.129	0.0118	284.9
7/22/2023 6:08	231.68	0.129	0.012	284.9
7/22/2023 6:08	231.92	0.126	0.0114	284.9

7/22/2023 6:08	231.67	0.129	0.0118	284.9
7/22/2023 6:08	231.95	0.129	0.0118	284.9
7/22/2023 6:09	231.66	0.125	0.0112	284.9
7/22/2023 6:09	231.83	0.128	0.0117	284.9
7/22/2023 6:09	231.87	0.129	0.0119	284.9
7/22/2023 6:09	231.92	0.125	0.0111	284.9
7/22/2023 6:09	231.79	0.129	0.0121	284.9
7/22/2023 6:09	231.74	0.128	0.0117	284.9
7/22/2023 6:10	231.72	0.125	0.0112	284.9
7/22/2023 6:10	231.81	0.129	0.012	284.9
7/22/2023 6:10	231.77	0.13	0.0118	284.9
7/22/2023 6:10	231.82	0.126	0.0114	284.9
7/22/2023 6:10	231.82	0.13	0.0118	284.9
7/22/2023 6:10	231.65	0.128	0.0118	284.9
7/22/2023 6:11	231.59	0.126	0.0114	284.9
7/22/2023 6:11	231.7	0.13	0.0121	284.9
7/22/2023 6:11	231.64	0.132	0.0125	284.9
7/22/2023 6:11	231.83	0.125	0.0112	284.9
7/22/2023 6:11	231.75	0.13	0.0121	284.9

7/22/2023 6:11	231.8	0.131	0.0122	284.9
7/22/2023 6:12	231.71	0.126	0.0114	284.9
7/22/2023 6:12	231.81	0.13	0.012	284.9
7/22/2023 6:12	231.71	0.128	0.0118	284.9
7/22/2023 6:12	231.86	0.124	0.0111	284.9
7/22/2023 6:12	231.96	0.131	0.0121	284.9
7/22/2023 6:12	231.78	0.129	0.0119	284.9
7/22/2023 6:13	232	0.131	0.012	284.9
7/22/2023 6:13	231.77	0.131	0.0121	284.9
7/22/2023 6:13	231.94	0.131	0.0121	284.9
7/22/2023 6:13	231.8	0.13	0.0117	284.9
7/22/2023 6:13	231.59	0.13	0.0116	284.9
7/22/2023 6:13	231.95	0.131	0.0119	284.9
7/22/2023 6:14	231.85	0.131	0.0119	284.9
7/22/2023 6:14	231.89	0.132	0.012	284.9
7/22/2023 6:14	232.07	0.132	0.0119	284.9
7/22/2023 6:14	231.99	0.129	0.0111	284.9
7/22/2023 6:14	231.85	0.133	0.012	284.9
7/22/2023 6:14	231.8	0.133	0.0118	284.9

7/22/2023 6:15	231.55	0.135	0.0121	284.9
7/22/2023 6:15	231.62	0.133	0.0118	284.9
7/22/2023 6:15	231.66	0.135	0.0123	284.9
7/22/2023 6:15	231.91	0.13	0.0111	284.9
7/22/2023 6:15	231.75	0.135	0.0119	284.9
7/22/2023 6:15	231.87	0.133	0.0119	284.9
7/22/2023 6:16	231.84	0.134	0.0122	284.9
7/22/2023 6:16	231.7	0.136	0.0123	284.9
7/22/2023 6:16	231.72	0.133	0.0117	284.9
7/22/2023 6:16	231.83	0.13	0.0108	284.9
7/22/2023 6:16	231.96	0.136	0.0121	284.9
7/22/2023 6:16	232.04	0.135	0.012	284.9
7/22/2023 6:17	231.71	0.135	0.0121	284.9
7/22/2023 6:17	231.58	0.134	0.012	284.9
7/22/2023 6:17	231.6	0.138	0.0116	284.9
7/22/2023 6:17	231.69	0.129	0.0112	284.9
7/22/2023 6:17	231.69	0.133	0.0117	284.9
7/22/2023 6:17	231.8	0.135	0.012	284.9
7/22/2023 6:18	231.82	0.135	0.012	284.9

7/22/2023 6:18	231.82	0.135	0.0122	284.9
7/22/2023 6:18	231.8	0.134	0.012	284.9
7/22/2023 6:18	231.76	0.132	0.0116	284.9
7/22/2023 6:18	231.56	0.134	0.0118	284.9
7/22/2023 6:18	231.58	0.134	0.012	284.9
7/22/2023 6:19	231.81	0.138	0.0123	284.9
7/22/2023 6:19	231.57	0.132	0.0118	284.9
7/22/2023 6:19	231.9	0.134	0.0119	284.9
7/22/2023 6:19	231.54	0.13	0.0113	284.9
7/22/2023 6:19	231.83	0.135	0.012	284.9
7/22/2023 6:19	231.8	0.135	0.0121	284.9
7/22/2023 6:20	231.85	0.133	0.0114	284.9
7/22/2023 6:20	231.75	0.133	0.0117	284.9
7/22/2023 6:20	231.87	0.134	0.0116	284.9
7/22/2023 6:20	231.69	0.129	0.0108	284.9
7/22/2023 6:20	231.7	0.135	0.0119	284.9
7/22/2023 6:20	231.7	0.136	0.0121	284.9
7/22/2023 6:21	231.95	0.134	0.0114	284.9
7/22/2023 6:21	231.94	0.134	0.0118	284.9

7/22/2023 6:21	232.11	0.136	0.0118	284.9
7/22/2023 6:21	231.91	0.133	0.0114	284.9
7/22/2023 6:21	231.73	0.134	0.0119	284.9
7/22/2023 6:21	231.71	0.133	0.0118	284.9
7/22/2023 6:22	231.87	0.13	0.0114	284.9
7/22/2023 6:22	231.92	0.139	0.0127	284.9
7/22/2023 6:22	231.97	0.134	0.0117	284.9
7/22/2023 6:22	232.06	0.13	0.011	284.9
7/22/2023 6:22	232.02	0.134	0.0117	284.9
7/22/2023 6:22	231.94	0.137	0.0116	284.9
7/22/2023 6:23	231.65	0.132	0.0118	284.9
7/22/2023 6:23	232.03	0.135	0.0121	284.9
7/22/2023 6:23	232	0.135	0.0121	284.9
7/22/2023 6:23	231.8	0.131	0.0112	284.9
7/22/2023 6:23	231.8	0.135	0.0121	284.9
7/22/2023 6:23	231.86	0.135	0.012	284.9
7/22/2023 6:24	231.68	0.129	0.0112	284.9
7/22/2023 6:24	231.74	0.135	0.0118	284.9
7/22/2023 6:24	231.66	0.134	0.0118	284.9

7/22/2023 6:24	231.79	0.134	0.0117	284.9
7/22/2023 6:24	231.66	0.135	0.012	284.9
7/22/2023 6:24	231.77	0.139	0.0128	284.9
7/22/2023 6:25	232.1	0.133	0.0114	284.9
7/22/2023 6:25	231.79	0.136	0.0121	284.9
7/22/2023 6:25	231.63	0.131	0.0114	284.9
7/22/2023 6:25	231.75	0.133	0.012	284.9
7/22/2023 6:25	231.96	0.135	0.0123	284.9
7/22/2023 6:25	231.88	0.136	0.012	284.9
7/22/2023 6:26	231.76	0.132	0.0112	284.9
7/22/2023 6:26	232.07	0.133	0.0119	284.9
7/22/2023 6:26	231.88	0.133	0.0118	284.9
7/22/2023 6:26	232.06	0.133	0.0118	284.9
7/22/2023 6:26	231.56	0.135	0.0121	284.9
7/22/2023 6:26	231.58	0.135	0.0118	284.9
7/22/2023 6:27	231.88	0.132	0.0114	284.9
7/22/2023 6:27	231.72	0.136	0.0121	284.9
7/22/2023 6:27	231.83	0.135	0.0119	284.9
7/22/2023 6:27	231.98	0.134	0.012	284.9

7/22/2023 6:27	231.76	0.135	0.0117	284.9
7/22/2023 6:27	231.85	0.136	0.0123	284.9
7/22/2023 6:28	231.67	0.13	0.0111	284.9
7/22/2023 6:28	231.65	0.133	0.0116	284.9
7/22/2023 6:28	231.61	0.133	0.0116	284.9
7/22/2023 6:28	231.9	0.135	0.0122	284.9
7/22/2023 6:28	231.79	0.134	0.0119	284.9
7/22/2023 6:28	231.8	0.135	0.0121	284.9
7/22/2023 6:29	231.74	0.136	0.0123	284.9
7/22/2023 6:29	231.96	0.134	0.0116	284.9
7/22/2023 6:29	231.78	0.135	0.0117	284.9
7/22/2023 6:29	231.55	0.134	0.0119	284.9
7/22/2023 6:29	231.65	0.134	0.0119	284.9
7/22/2023 6:29	231.73	0.134	0.0116	284.9
7/22/2023 6:30	231.79	0.132	0.0113	284.9
7/22/2023 6:30	231.68	0.135	0.0116	284.9
7/22/2023 6:30	231.92	0.137	0.0123	284.9
7/22/2023 6:30	231.77	0.135	0.0123	284.9
7/22/2023 6:30	232.02	0.135	0.0118	284.9

7/22/2023 6:30	231.83	0.134	0.012	284.9
7/22/2023 6:31	231.73	0.129	0.011	284.9
7/22/2023 6:31	231.87	0.136	0.0121	284.9
7/22/2023 6:31	231.49	0.135	0.0119	284.9
7/22/2023 6:31	231.6	0.132	0.0113	284.9
7/22/2023 6:31	231.86	0.136	0.012	284.9
7/22/2023 6:31	231.71	0.135	0.0123	284.9
7/22/2023 6:32	231.82	0.133	0.0114	284.9
7/22/2023 6:32	231.57	0.135	0.012	284.9
7/22/2023 6:32	231.87	0.133	0.0118	284.9
7/22/2023 6:32	231.9	0.13	0.0112	284.9
7/22/2023 6:32	231.62	0.134	0.0119	284.9
7/22/2023 6:32	231.59	0.132	0.0116	284.9
7/22/2023 6:33	231.79	0.136	0.0121	284.9
7/22/2023 6:33	231.6	0.134	0.0118	284.9
7/22/2023 6:33	231.92	0.135	0.012	284.9
7/22/2023 6:33	232.13	0.133	0.0112	284.9
7/22/2023 6:33	232.04	0.138	0.0121	284.9
7/22/2023 6:33	231.67	0.134	0.0118	284.9

7/22/2023 6:34	231.66	0.13	0.0114	284.9
7/22/2023 6:34	231.77	0.134	0.0118	284.9
7/22/2023 6:34	231.94	0.135	0.0118	284.9
7/22/2023 6:34	231.63	0.13	0.0113	284.9
7/22/2023 6:34	231.87	0.134	0.012	284.9
7/22/2023 6:34	231.71	0.134	0.0118	284.9
7/22/2023 6:35	231.62	0.135	0.0118	284.9
7/22/2023 6:35	231.58	0.136	0.012	284.9
7/22/2023 6:35	232.04	0.138	0.0121	284.9
7/22/2023 6:35	232.16	0.134	0.0112	284.9
7/22/2023 6:35	231.69	0.136	0.0118	284.9
7/22/2023 6:35	231.65	0.134	0.0118	284.9
7/22/2023 6:36	231.97	0.133	0.0109	284.9
7/22/2023 6:36	231.68	0.132	0.0113	284.9
7/22/2023 6:36	231.68	0.129	0.011	284.9
7/22/2023 6:36	231.76	0.132	0.0114	284.9
7/22/2023 6:36	231.66	0.13	0.0111	284.9
7/22/2023 6:36	231.62	0.136	0.0118	284.9
7/22/2023 6:37	231.72	0.134	0.0117	284.9

7/22/2023 6:37	231.64	0.131	0.0113	284.9
7/22/2023 6:37	231.52	0.134	0.0118	284.9
7/22/2023 6:37	231.81	0.133	0.0116	284.9
7/22/2023 6:37	231.89	0.132	0.0113	284.9
7/22/2023 6:37	232.04	0.137	0.0122	284.9
7/22/2023 6:38	231.91	0.132	0.0112	284.9
7/22/2023 6:38	231.89	0.134	0.0113	284.9
7/22/2023 6:38	231.71	0.134	0.0119	284.9
7/22/2023 6:38	231.71	0.134	0.0119	284.9
7/22/2023 6:38	231.68	0.131	0.0112	284.9
7/22/2023 6:38	231.69	0.135	0.0119	284.9
7/22/2023 6:39	231.38	0.138	0.0122	284.9
7/22/2023 6:39	231.49	0.131	0.0113	284.9
7/22/2023 6:39	232.01	0.138	0.0121	284.9
7/22/2023 6:39	231.68	0.138	0.0124	284.9
7/22/2023 6:39	231.73	0.133	0.0116	284.9
7/22/2023 6:39	231.8	0.138	0.0123	284.9
7/22/2023 6:40	231.66	0.136	0.0118	284.9
7/22/2023 6:40	231.75	0.131	0.0114	284.9

7/22/2023 6:40	231.69	0.138	0.0125	284.9
7/22/2023 6:40	231.87	0.134	0.0118	284.9
7/22/2023 6:40	231.87	0.135	0.0119	284.9
7/22/2023 6:40	231.71	0.136	0.012	284.9
7/22/2023 6:41	231.6	0.14	0.0124	284.9
7/22/2023 6:41	231.9	0.137	0.0118	284.9
7/22/2023 6:41	231.84	0.133	0.0117	284.9
7/22/2023 6:41	231.72	0.131	0.011	284.9
7/22/2023 6:41	231.63	0.137	0.0118	284.9
7/22/2023 6:41	231.59	0.131	0.0113	284.9
7/22/2023 6:42	232.06	0.135	0.0119	284.9
7/22/2023 6:42	231.73	0.131	0.0111	284.9
7/22/2023 6:42	231.49	0.133	0.0116	284.9
7/22/2023 6:42	231.92	0.132	0.0112	284.9
7/22/2023 6:42	231.85	0.136	0.0119	284.9
7/22/2023 6:42	231.83	0.133	0.0111	284.9
7/22/2023 6:43	231.82	0.138	0.0125	284.9
7/22/2023 6:43	232.06	0.131	0.0111	284.9
7/22/2023 6:43	231.58	0.138	0.0122	284.9

7/22/2023 6:43	231.6	0.13	0.0112	284.9
7/22/2023 6:43	231.82	0.136	0.0124	284.9
7/22/2023 6:43	231.76	0.132	0.0116	284.9
7/22/2023 6:44	231.92	0.135	0.012	284.9
7/22/2023 6:44	231.83	0.131	0.0114	284.9
7/22/2023 6:44	231.71	0.134	0.0118	284.9
7/22/2023 6:44	231.84	0.129	0.0111	284.9
7/22/2023 6:44	231.91	0.138	0.0124	284.9
7/22/2023 6:44	231.6	0.13	0.011	284.9
7/22/2023 6:45	231.57	0.135	0.0121	284.9
7/22/2023 6:45	231.56	0.13	0.0112	284.9
7/22/2023 6:45	231.69	0.136	0.012	284.9
7/22/2023 6:45	231.82	0.133	0.0113	284.9
7/22/2023 6:45	231.68	0.135	0.012	284.9
7/22/2023 6:45	231.93	0.137	0.012	284.9
7/22/2023 6:46	231.79	0.138	0.012	284.9
7/22/2023 6:46	231.61	0.131	0.0113	284.9
7/22/2023 6:46	231.53	0.138	0.0123	284.9
7/22/2023 6:46	231.66	0.127	0.0107	284.9

7/22/2023 6:46	231.97	0.132	0.0111	284.9
7/22/2023 6:46	231.91	0.135	0.0117	284.9
7/22/2023 6:47	231.73	0.135	0.012	284.9
7/22/2023 6:47	231.7	0.131	0.0112	284.9
7/22/2023 6:47	231.72	0.135	0.0118	284.9
7/22/2023 6:47	231.7	0.131	0.0112	284.9
7/22/2023 6:47	231.63	0.133	0.0113	284.9
7/22/2023 6:47	231.64	0.131	0.0114	284.9
7/22/2023 6:48	231.85	0.137	0.012	284.9
7/22/2023 6:48	231.71	0.131	0.0115	284.9
7/22/2023 6:48	231.59	0.136	0.012	284.9
7/22/2023 6:48	231.73	0.13	0.0111	284.9
7/22/2023 6:48	231.93	0.132	0.0114	284.9
7/22/2023 6:48	231.79	0.133	0.0113	284.9
7/22/2023 6:49	231.62	0.136	0.012	284.9
7/22/2023 6:49	231.59	0.13	0.0111	284.9
7/22/2023 6:49	231.57	0.135	0.0118	284.9
7/22/2023 6:49	231.76	0.133	0.0114	284.9
7/22/2023 6:49	231.9	0.131	0.0113	284.9

7/22/2023 6:49	232.03	0.133	0.0114	284.9
7/22/2023 6:50	231.65	0.134	0.0118	284.9
7/22/2023 6:50	231.88	0.132	0.0114	284.9
7/22/2023 6:50	231.62	0.135	0.0122	284.9
7/22/2023 6:50	231.81	0.134	0.0116	284.9
7/22/2023 6:50	231.62	0.131	0.0113	284.9
7/22/2023 6:50	231.73	0.129	0.0112	284.9
7/22/2023 6:51	231.77	0.135	0.012	284.9
7/22/2023 6:51	231.63	0.131	0.0111	284.9
7/22/2023 6:51	231.64	0.135	0.0119	284.9
7/22/2023 6:51	231.58	0.131	0.0113	284.9
7/22/2023 6:51	231.69	0.13	0.0111	284.9
7/22/2023 6:51	231.77	0.132	0.0112	284.9
7/22/2023 6:52	231.84	0.138	0.0124	284.9
7/22/2023 6:52	231.62	0.138	0.0124	284.9
7/22/2023 6:52	231.84	0.135	0.0123	284.9
7/22/2023 6:52	231.68	0.135	0.0121	284.9
7/22/2023 6:52	231.7	0.13	0.0111	284.9
7/22/2023 6:52	231.73	0.133	0.0122	284.9

7/22/2023 6:53	231.61	0.135	0.0118	284.9
7/22/2023 6:53	231.63	0.134	0.0118	284.9
7/22/2023 6:53	231.71	0.132	0.0117	284.9
7/22/2023 6:53	231.8	0.136	0.0125	284.9
7/22/2023 6:53	231.76	0.135	0.0118	284.9
7/22/2023 6:53	231.75	0.136	0.0121	284.9
7/22/2023 6:54	231.44	0.131	0.0112	284.9
7/22/2023 6:54	231.62	0.134	0.0119	284.9
7/22/2023 6:54	231.7	0.13	0.0109	284.9
7/22/2023 6:54	231.71	0.135	0.0119	284.9
7/22/2023 6:54	231.74	0.132	0.0112	284.9
7/22/2023 6:54	231.82	0.136	0.0118	284.9
7/22/2023 6:55	231.81	0.13	0.0116	284.9
7/22/2023 6:55	231.7	0.135	0.0119	284.9
7/22/2023 6:55	231.72	0.133	0.0116	284.9
7/22/2023 6:55	231.54	0.136	0.0119	284.9
7/22/2023 6:55	231.69	0.131	0.0111	284.9
7/22/2023 6:55	231.59	0.137	0.0123	284.9
7/22/2023 6:56	231.76	0.129	0.0111	284.9

7/22/2023 6:56	231.84	0.135	0.0118	284.9
7/22/2023 6:56	231.56	0.129	0.0113	284.9
7/22/2023 6:56	231.47	0.135	0.0118	284.9
7/22/2023 6:56	231.8	0.131	0.0114	284.9
7/22/2023 6:56	231.62	0.135	0.0121	284.9
7/22/2023 6:57	231.8	0.133	0.0112	284.9
7/22/2023 6:57	231.63	0.135	0.0117	284.9
7/22/2023 6:57	231.99	0.133	0.0113	284.9
7/22/2023 6:57	231.79	0.136	0.0119	284.9
7/22/2023 6:57	231.86	0.13	0.0112	284.9
7/22/2023 6:57	231.84	0.136	0.0122	284.9
7/22/2023 6:58	231.98	0.131	0.0113	284.9
7/22/2023 6:58	231.62	0.133	0.0118	284.9
7/22/2023 6:58	231.55	0.134	0.0116	284.9
7/22/2023 6:58	231.7	0.137	0.0124	284.9
7/22/2023 6:58	231.72	0.131	0.0113	284.9
7/22/2023 6:58	231.87	0.135	0.0117	284.9
7/22/2023 6:59	231.9	0.132	0.0112	284.9
7/22/2023 6:59	231.67	0.137	0.0121	284.9

7/22/2023 6:59	231.56	0.131	0.0113	284.9
7/22/2023 6:59	231.68	0.134	0.0119	284.9
7/22/2023 6:59	232	0.132	0.0112	284.9
7/22/2023 6:59	231.66	0.138	0.0122	284.9
7/22/2023 7:00	231.9	0.132	0.0112	284.9
7/22/2023 7:00	231.85	0.13	0.0109	284.9
7/22/2023 7:00	231.59	0.13	0.0112	284.9
7/22/2023 7:00	231.54	0.135	0.0119	284.9
7/22/2023 7:00	231.63	0.133	0.0112	284.9
7/22/2023 7:00	231.81	0.135	0.012	284.9
7/22/2023 7:01	231.7	0.131	0.011	284.9
7/22/2023 7:01	231.7	0.13	0.0113	284.9
7/22/2023 7:01	231.83	0.133	0.0114	284.9
7/22/2023 7:01	231.74	0.135	0.012	284.9
7/22/2023 7:01	231.64	0.136	0.012	284.9
7/22/2023 7:01	231.82	0.138	0.0119	284.9
7/22/2023 7:02	231.83	0.134	0.0113	284.9
7/22/2023 7:02	231.64	0.131	0.0113	284.9
7/22/2023 7:02	231.48	0.132	0.0113	284.9

7/22/2023 7:02	231.95	0.135	0.012	284.9
7/22/2023 7:02	231.66	0.131	0.011	284.9
7/22/2023 7:02	231.63	0.135	0.0117	284.9
7/22/2023 7:03	231.68	0.129	0.011	284.9
7/22/2023 7:03	231.84	0.131	0.011	284.9
7/22/2023 7:03	231.63	0.132	0.0114	284.9
7/22/2023 7:03	231.78	0.136	0.012	284.9
7/22/2023 7:03	231.82	0.133	0.0114	284.9
7/22/2023 7:03	231.88	0.137	0.0124	284.9
7/22/2023 7:04	231.41	0.129	0.0109	284.9
7/22/2023 7:04	231.5	0.128	0.0109	284.9
7/22/2023 7:04	231.58	0.131	0.0111	284.9
7/22/2023 7:04	231.79	0.139	0.0122	284.9
7/22/2023 7:04	231.72	0.132	0.012	284.9
7/22/2023 7:04	231.84	0.137	0.0117	284.9
7/22/2023 7:05	231.54	0.135	0.0119	284.9
7/22/2023 7:05	231.89	0.134	0.0118	284.9
7/22/2023 7:05	231.78	0.134	0.0117	284.9
7/22/2023 7:05	232.01	0.14	0.0122	284.9

7/22/2023 7:05	231.57	0.137	0.0121	284.9
7/22/2023 7:05	231.69	0.139	0.012	284.9
7/22/2023 7:06	231.57	0.134	0.0117	284.9
7/22/2023 7:06	231.89	0.131	0.0111	284.9
7/22/2023 7:06	231.73	0.136	0.012	284.9
7/22/2023 7:06	232.04	0.135	0.0118	284.9
7/22/2023 7:06	231.64	0.134	0.0118	284.9
7/22/2023 7:06	231.77	0.128	0.0111	284.9
7/22/2023 7:07	231.8	0.136	0.0122	284.9
7/22/2023 7:07	231.65	0.131	0.0114	284.9
7/22/2023 7:07	232.03	0.138	0.0123	284.9
7/22/2023 7:07	231.81	0.13	0.0111	284.9
7/22/2023 7:07	231.56	0.135	0.0119	284.9
7/22/2023 7:07	231.75	0.131	0.011	284.9
7/22/2023 7:08	231.74	0.136	0.012	284.9
7/22/2023 7:08	231.82	0.131	0.0113	284.9
7/22/2023 7:08	231.81	0.136	0.012	284.9
7/22/2023 7:08	231.72	0.13	0.011	284.9
7/22/2023 7:08	231.68	0.135	0.012	284.9

7/22/2023 7:08	231.95	0.131	0.0111	284.9
7/22/2023 7:09	231.8	0.135	0.0119	284.9
7/22/2023 7:09	231.62	0.131	0.0114	284.9
7/22/2023 7:09	231.56	0.137	0.0119	284.9
7/22/2023 7:09	231.73	0.132	0.0111	284.9
7/22/2023 7:09	231.73	0.137	0.0122	284.9
7/22/2023 7:09	231.61	0.133	0.0114	284.9
7/22/2023 7:10	231.67	0.136	0.0119	284.9
7/22/2023 7:10	231.78	0.131	0.0112	284.9
7/22/2023 7:10	231.96	0.136	0.0118	284.9
7/22/2023 7:10	231.54	0.134	0.0112	284.9
7/22/2023 7:10	231.92	0.138	0.012	284.9
7/22/2023 7:10	231.43	0.134	0.0118	284.9
7/22/2023 7:11	231.52	0.137	0.012	284.9
7/22/2023 7:11	232.07	0.136	0.0116	284.9
7/22/2023 7:11	231.6	0.137	0.0121	284.9
7/22/2023 7:11	231.85	0.131	0.0111	284.9
7/22/2023 7:11	231.76	0.136	0.0119	284.9
7/22/2023 7:11	231.77	0.135	0.0119	284.9

7/22/2023 7:12	232.07	0.136	0.012	284.9
7/22/2023 7:12	231.9	0.135	0.0112	284.9
7/22/2023 7:12	231.65	0.136	0.0117	284.9
7/22/2023 7:12	231.62	0.131	0.011	284.9
7/22/2023 7:12	232	0.139	0.012	284.9
7/22/2023 7:12	231.8	0.136	0.012	284.9
7/22/2023 7:13	231.66	0.138	0.0121	284.9
7/22/2023 7:13	231.88	0.133	0.0116	284.9
7/22/2023 7:13	231.67	0.137	0.0121	284.9
7/22/2023 7:13	231.86	0.131	0.011	284.9
7/22/2023 7:13	231.86	0.134	0.0117	284.9
7/22/2023 7:13	231.7	0.136	0.0118	284.9
7/22/2023 7:14	231.62	0.137	0.0122	284.9
7/22/2023 7:14	231.55	0.13	0.0114	284.9
7/22/2023 7:14	231.67	0.135	0.0119	284.9
7/22/2023 7:14	231.59	0.13	0.0109	284.9
7/22/2023 7:14	231.57	0.134	0.0114	284.9
7/22/2023 7:14	231.86	0.137	0.0123	284.9
7/22/2023 7:15	231.89	0.136	0.0119	284.9

7/22/2023 7:15	231.77	0.131	0.0112	284.9
7/22/2023 7:15	231.88	0.135	0.012	284.9
7/22/2023 7:15	231.89	0.134	0.0116	284.9
7/22/2023 7:15	231.65	0.133	0.0115	284.9
7/22/2023 7:15	231.96	0.136	0.0117	284.9
7/22/2023 7:16	231.82	0.137	0.012	284.9
7/22/2023 7:16	231.82	0.133	0.0113	284.9
7/22/2023 7:16	231.74	0.137	0.0118	284.9
7/22/2023 7:16	232.12	0.132	0.0109	284.9
7/22/2023 7:16	231.94	0.133	0.0115	284.9
7/22/2023 7:16	231.7	0.132	0.0112	284.9
7/22/2023 7:17	231.6	0.138	0.0122	284.9
7/22/2023 7:17	231.61	0.134	0.0119	284.9
7/22/2023 7:17	232.03	0.136	0.0122	284.9
7/22/2023 7:17	231.81	0.133	0.0114	284.9
7/22/2023 7:17	231.66	0.13	0.0111	284.9
7/22/2023 7:17	231.98	0.135	0.0119	284.9
7/22/2023 7:18	231.79	0.131	0.0112	284.9
7/22/2023 7:18	231.79	0.135	0.0118	284.9

7/22/2023 7:18	231.56	0.133	0.0115	284.9
7/22/2023 7:18	231.74	0.137	0.012	284.9
7/22/2023 7:18	231.67	0.134	0.0117	284.9
7/22/2023 7:18	231.47	0.135	0.0118	284.9
7/22/2023 7:19	231.73	0.131	0.0112	284.9
7/22/2023 7:19	232.05	0.138	0.0121	284.9
7/22/2023 7:19	231.72	0.135	0.0118	284.9
7/22/2023 7:19	231.83	0.136	0.012	284.9
7/22/2023 7:19	231.91	0.137	0.0119	284.9
7/22/2023 7:19	231.69	0.133	0.0113	284.9
7/22/2023 7:20	231.75	0.132	0.0112	284.9
7/22/2023 7:20	231.63	0.137	0.0122	284.9
7/22/2023 7:20	231.59	0.131	0.0112	284.9
7/22/2023 7:20	231.64	0.137	0.0119	284.9
7/22/2023 7:20	231.87	0.136	0.0119	284.9
7/22/2023 7:20	231.79	0.137	0.012	284.9
7/22/2023 7:21	231.75	0.131	0.0112	284.9
7/22/2023 7:21	231.91	0.137	0.0118	284.9
7/22/2023 7:21	231.54	0.136	0.0118	284.9

7/22/2023 7:21	231.69	0.133	0.0117	284.9
7/22/2023 7:21	231.61	0.131	0.0112	284.9
7/22/2023 7:21	231.59	0.134	0.0117	284.9
7/22/2023 7:22	231.82	0.132	0.0111	284.9
7/22/2023 7:22	231.73	0.136	0.012	284.9
7/22/2023 7:22	231.56	0.136	0.0118	284.9
7/22/2023 7:22	231.57	0.137	0.0121	284.9
7/22/2023 7:22	231.75	0.132	0.0112	284.9
7/22/2023 7:22	231.84	0.131	0.0111	284.9
7/22/2023 7:23	231.99	0.133	0.0115	284.9