

## **DRALOD Project**

# **Renewables-based drying technology for cost-effective valorisation of waste from the food processing industry**

## **D6.2**

## **ORDP**

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This report is part of a project that has received funding by the European Union's Horizon 2020 research and innovation programme under grant agreement number 820554.

<b>Deliverable number:</b>	<b>D6.2</b>
<b>Deliverable name:</b>	<b>ORDP</b>
<b>Work package:</b>	<b>WP 6</b>
<b>Due month:</b>	<b>M35</b>

<b>Dissemination level:</b>	<b>PU Public</b>
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<b>Status</b>	<b>by</b>	<b>date</b>
<b>Submitted (Authors)</b>	<b>Jessica Benson, Oskar Räftegård,</b>	<b>2021-08-30</b>
<b>Verified (WP leader)</b>	<b>Alfonso Pérez-Carballo</b>	<b>2021-08-30</b>
<b>Approved (Coordinator)</b>	<b>Alfonso Pérez-Carballo</b>	<b>2021-08-30</b>



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## Public introduction to DRALOD project

The EU27 annually generates 90 million tonnes of food waste, with a 39% generated in the manufacturing processes. The food processing industry critically needs sustainable solutions for waste valorisation and re-use.

DRALOD proposes a disruptive replicable drying process 100% environmentally-friendly and extremely cost-effective:

- **Environmentally:** DRALOD uses renewables only, to allow valorisation of plant-origin waste into highly valuable functional ingredients as demanded by the nutraceutical and pharmaceutical industry.
- **Cost-effectiveness:** DRALOD drying plant has a pay-back period shorter than 6 years for an average plant with 35.000 tonnes/year capacity.

Our Assets:

- **Consortium's technological background:** The Coordinator (PERNIA) is experienced in solar drying plants with licensing rights on a leading solar heating technology. OKOTHERM is specialist in the development and manufacturing of innovative biomass heating systems since 1995, while RTDPs DFBZ and RISE bring world-class knowledge for implementation of energy recovery and smart control units for DRALOD combined solar-biomass drying system.
- **Industry-driven vision:** PERNIA's turnover is over €2,2million in 2017, with a net profit increase growth of 32% with respect to 2016, operating in solar drying for BSG valorisation, evidencing a high potential.
- **Target market:** The generated volume of high-water content waste from plant-origin food processing, leads to a SAM estimated at €1.395 million in 2024.
- **Business model:** Commissioning of DRALOD drying plants under a franchise business model, designed to overcome the up-front investment barriers by lowering our customers' required initial investment in 30%.
- **Commercialisation strategy:** The Brewery sector is our beachhead market. We currently work for the largest Spanish Brewery group. Our follow-on markets will include wineries, fruit juice and the olive oil sectors.
- **Financial projections:** 44 million € and 80 new direct jobs by 2024.



### **Executive Summary of this Report**

Open research data made available from DRALOD project. Data are available for heat recovery unit, solar heat and dryer. Complete data sets are found on Zenodo since June 2021.

## 1. INTRODUCTION

### 1.1 Context of DRALOD

DRALOD is a Fast Track to Innovation (FTI) project devoted to deliver an innovative drying plant concept with the main aim of bringing financial feasibility to the valorisation and reuse of certain food processing waste, as functional ingredients for nutraceuticals and pharmaceutical applications.

The project scope is the design, implementation and demonstration of a low-temperature air drying technology based on the combined use of renewable energy sources (solar and biomass) for air heating. The solar air heating technology implemented is SolarWall patent protected technology , using micro-perforated metal collectors that create negative pressure in a air cavity when heated by solar radiation. A biomass heating system with high flexibility concerning type of fuels, fuel quality and mode of operation (full and part load, dynamic operation behaviour) will be adapted to enable low operational costs as an auxiliary heat source for the drying system. A heat recovery system adapted to the specificities of the plant (high air mass flow, low drying temperature) is developed to increase the energy efficiency of the drying process. A smart controller unit based on thermodynamically simulation of multidomain dynamic system, is developed to enable the optimal plant operation with various and fluctuating energy sources.

Finally, DRALOD technology is demonstrated it in a flagship pilot plant, running a demonstrator for the assessment of the plant performance, under real operation conditions, from a financial, operational and environmental perspective.

### 1.2 Aim and objectives of this report

Measurement data is available through DRALOD's participation in ORDP, and complete data sets are found on Zenodo.

## 2. OPEN DATA RECORDS

Measurement data from DRALOD project has been uploaded in accordance with DRALOD D6.1. Data Management Plan, to Zenodo1 (open data platform).

Two records have been published, one record for D1.3: Results of performance testing of the prototype of energy recovery system and one record for D4.3: Assessment of DRALOD drying plant performance.

There is also a third record regarding the assessment of DRALOD drying plant performance, from July and August 2021. This record is available in D4.3 report in appendix section.

### Record D1.3 Results of performance testing of the prototype of energy recovery system

The data set is referred to in delivery D1.3 where the results from the development of the prototype heat recovery unit are described. The data set consists of measurement data from operation of the prototype energy recovery system, in lab environment in Borås, Sweden, as well as in industrial environment on site in Chiloeches, Spain. It consists of four csv files with measurement data and one pdf with piping and instrumentation diagram, list of sensors, etc.

46 different variables (sensors) were recorded in Borås test runs (December 2020), and 47 variables in Chiloeches performance tests (June 2021), all at 60 second sampling interval.

The reference to the record is: DOI: 10.5281/zenodo.5053311, and it can be found here: <https://zenodo.org/record/5053311>

### Record D4.3 Assessment of DRALOD drying plant performance

The data set consists of measurement data from operation of the dryer and solar wall during March 2021.

The record consists of one Excel file with measurement data as well as piping and instrumentation diagram, list of sensors, etc. In total 11 variables (sensors) have been read for each drying batch, one value per batch (40 to 80 minutes).

The reference is: 10.5281/zenodo.5053927, and it can be found here: <https://zenodo.org/record/5053927>

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<sup>1</sup> <https://zenodo.org/>

### 3. REFERENCES

Measurement data is available through DRALOD's participation in ORDP, and complete data sets are found on Zenodo,

<https://zenodo.org/record/5053311>

<https://zenodo.org/record/5053927>

Deliverable 1.3 Performance testing of the energy recovery system

Deliverable 4.3 Pilot plant performance assessment



#### 4. ANNEX

RISE data and metadata

PERNIA data and metadata

timestamp	GdP-50	GdP-40	GdP-30	GdP-31	GF-50	GF-40	GRh-50	GRh-40
2020-12-09 11:10	58.96	205.3	0.0	0.01	486.6	142.3	95.03	47.07
2020-12-09 11:11	58.97	203.19	0.0	0.01	485.6	141.9	94.48	50.15
2020-12-09 11:12	58.6	208.06	0.0	0.01	487.3	142.3	96.23	49.47
2020-12-09 11:13	60.31	207.68	0.01	0.02	486.3	141.6	95.55	53.06
2020-12-09 11:14	59.04	202.15	0.0	0.01	485.3	141.6	94.4	50.84
2020-12-09 11:15	58.46	207.55	0.0	0.01	485.6	141.2	94.62	53.73
2020-12-09 11:16	58.39	208.59	0.01	0.02	487.7	140.9	95.35	52.99
2020-12-09 11:17	59.0	209.09	0.0	0.02	489.4	141.9	96.66	52.74
2020-12-09 11:18	60.25	206.89	0.0	0.01	481.8	141.6	93.72	57.97
2020-12-09 11:19	59.59	205.15	0.0	0.01	486.3	141.6	95.12	54.58
2020-12-09 11:20	60.33	207.83	0.01	0.01	487.9	141.9	96.95	56.79
2020-12-09 11:21	60.17	206.42	0.01	0.01	488.6	141.9	95.18	48.53
2020-12-09 11:22	59.72	212.77	0.0	0.01	485.5	141.6	95.54	48.54
2020-12-09 11:23	58.88	208.62	0.0	0.02	486.9	141.6	93.4	54.13
2020-12-09 11:24	59.75	205.2	0.0	0.02	489.2	141.2	95.19	48.16
2020-12-09 11:25	60.55	207.3	0.0	0.01	481.7	141.6	94.8	50.85
2020-12-09 11:26	59.13	211.32	0.01	0.01	487.9	140.9	96.97	48.86
2020-12-09 11:27	60.48	209.93	0.01	0.02	486.5	140.9	94.72	57.2
2020-12-09 11:28	59.97	209.23	0.0	0.01	484.4	141.9	95.06	50.13
2020-12-09 11:29	60.47	208.04	0.0	0.02	489.6	141.9	95.51	57.17
2020-12-09 11:30	60.31	208.36	0.0	0.01	487.1	140.9	94.59	49.89
2020-12-09 11:31	60.38	205.89	0.0	0.01	485.1	141.5	94.12	60.5
2020-12-09 11:32	59.8	208.35	0.01	0.01	486.4	141.6	94.8	54.43
2020-12-09 11:33	60.0	208.54	0.01	0.02	487.1	141.5	95.33	50.73
2020-12-09 11:34	59.3	210.34	0.01	0.02	487.8	142.2	95.39	54.85
2020-12-09 11:35	60.44	209.14	0.01	0.01	488.1	142.2	95.54	56.99
2020-12-09 11:36	59.91	208.72	0.01	0.02	488.1	142.5	94.99	49.46
2020-12-09 11:37	59.96	214.11	0.01	0.02	486.3	141.8	95.28	54.51
2020-12-09 11:38	59.89	208.85	0.01	0.02	487.7	141.5	95.89	52.82
2020-12-09 11:39	60.06	208.88	0.01	0.02	487.7	141.5	96.12	53.28
2020-12-09 11:40	60.39	212.29	0.01	0.02	486.0	141.8	95.45	51.01
2020-12-09 11:41	59.56	212.34	0.01	0.02	492.2	141.8	95.25	57.57
2020-12-09 11:42	59.52	211.91	0.01	0.01	482.6	141.8	95.53	47.61
2020-12-09 11:43	58.7	206.74	0.01	0.01	486.7	141.8	95.34	55.8
2020-12-09 11:44	59.1	210.22	0.01	0.02	488.5	142.2	95.72	55.23
2020-12-09 11:45	58.89	212.77	0.01	0.02	486.4	142.2	95.21	49.3
2020-12-09 11:46	59.53	214.78	0.01	0.01	487.8	141.4	95.75	52.4
2020-12-09 11:47	60.01	208.49	0.01	0.02	488.1	141.8	96.64	47.67
2020-12-09 11:48	59.14	207.41	0.01	0.02	488.1	141.8	96.0	51.24
2020-12-09 11:49	59.24	209.07	0.01	0.01	489.9	142.5	96.32	56.28
2020-12-09 11:50	59.43	209.53	0.01	0.02	489.2	141.8	95.56	50.52
2020-12-09 11:51	58.0	208.85	0.01	0.02	490.9	142.1	95.71	48.0
2020-12-09 11:52	60.97	210.45	0.01	0.02	486.7	142.5	95.62	51.88
2020-12-09 11:53	59.2	209.61	0.01	0.02	488.2	141.5	95.62	53.91
2020-12-09 11:54	59.49	202.71	0.01	0.02	484.0	141.8	94.31	41.97
2020-12-09 11:55	59.81	207.68	0.01	0.02	489.5	142.2	96.15	48.34
2020-12-09 11:56	60.4	207.51	0.0	0.01	486.4	142.2	95.76	57.78
2020-12-09 11:57	60.44	209.79	0.01	0.02	489.5	142.5	96.17	49.02
2020-12-09 11:58	60.02	210.0	0.01	0.02	484.4	142.5	96.48	47.61

timestamp	GdP-50	GdP-40	GdP-30	GdP-31	GF-50	GF-40	GRh-50	GRh-40
2020-12-09 11:59	60.58	210.53	0.0	0.01	488.2	142.2	97.18	45.0
2020-12-09 12:00	60.68	208.93	0.0	0.02	484.8	142.5	95.64	45.89
2020-12-09 12:01	60.21	207.72	0.0	0.02	487.1	141.8	96.22	42.94
2020-12-09 12:02	59.91	209.9	0.0	0.02	487.8	142.2	96.4	48.02
2020-12-09 12:03	59.82	208.66	0.0	0.02	487.2	142.2	95.71	46.3
2020-12-09 12:04	59.67	206.38	0.0	0.02	488.9	142.2	96.51	53.23
2020-12-09 12:05	59.73	208.95	0.0	0.02	487.5	142.2	95.77	45.32
2020-12-09 12:06	59.75	209.12	0.0	0.02	487.9	141.8	96.32	43.72
2020-12-09 12:07	60.08	208.87	0.0	0.01	488.9	142.2	96.23	47.19
2020-12-09 12:08	60.47	208.03	0.0	0.02	486.5	142.2	96.03	40.76
2020-12-09 12:09	60.88	208.85	0.0	0.01	484.1	141.8	95.94	48.88
2020-12-09 12:10	60.11	207.36	0.0	0.02	488.6	142.2	96.95	42.69
2020-12-09 12:11	60.05	210.37	0.0	0.02	489.9	142.5	95.36	64.45
2020-12-09 12:12	59.58	211.86	0.01	0.02	488.2	142.2	96.14	52.6
2020-12-09 12:13	60.48	208.77	0.0	0.02	486.2	142.2	96.37	51.4
2020-12-09 12:14	61.09	211.76	0.0	0.01	488.3	141.5	96.3	48.19
2020-12-09 12:15	60.48	210.36	0.01	0.02	487.2	142.2	96.42	47.19
2020-12-09 12:16	60.24	215.12	0.0	0.01	487.2	141.8	96.5	51.19
2020-12-09 12:17	61.16	208.85	0.0	0.01	486.5	141.5	96.56	45.08
2020-12-09 12:18	61.37	210.82	0.01	0.01	486.2	141.8	96.27	52.01
2020-12-09 12:19	60.36	209.1	0.0	0.01	488.3	141.8	95.92	42.25
2020-12-09 12:20	60.42	204.47	0.0	0.01	486.6	142.6	96.15	49.7
2020-12-09 12:21	60.27	208.6	0.0	0.01	485.6	142.6	95.9	47.76
2020-12-09 12:22	60.22	207.35	0.01	0.01	487.6	141.5	96.9	49.88
2020-12-09 12:23	60.23	210.31	0.01	0.01	487.2	142.2	96.44	48.33
2020-12-09 12:24	61.43	207.8	0.0	0.01	486.3	142.6	96.05	49.06
2020-12-09 12:25	60.35	206.76	0.0	0.01	486.3	141.9	97.32	49.01
2020-12-09 12:26	60.19	207.72	0.0	0.01	489.0	141.5	96.75	50.32
2020-12-09 12:27	59.26	205.78	0.0	0.01	488.7	141.9	96.77	51.68
2020-12-09 12:28	60.05	208.5	0.01	0.02	485.9	141.9	95.43	55.85
2020-12-09 12:29	60.1	208.4	0.0	0.02	488.3	142.2	96.72	61.19
2020-12-09 12:30	60.02	212.98	0.0	0.01	490.0	142.2	96.27	53.1
2020-12-09 12:31	60.05	212.28	0.01	0.01	486.6	141.6	94.39	55.21
2020-12-09 12:32	59.72	207.86	0.01	0.01	486.6	142.2	95.6	49.35
2020-12-09 12:33	60.36	214.39	0.0	0.01	489.0	141.6	96.14	50.25
2020-12-09 12:34	59.67	207.01	0.0	0.01	489.4	142.6	96.51	46.86
2020-12-09 12:35	60.51	206.99	0.0	0.01	486.3	142.3	95.81	46.43
2020-12-09 12:36	60.84	211.16	0.0	0.01	487.7	141.9	95.77	47.79
2020-12-09 12:37	60.17	208.98	0.0	0.01	486.8	141.9	96.16	42.37
2020-12-09 12:38	60.29	209.69	0.0	0.01	489.7	142.6	96.04	44.51
2020-12-09 12:39	60.14	209.1	0.0	0.01	487.3	141.9	95.21	40.95
2020-12-09 12:40	59.77	211.74	0.0	0.01	488.3	141.9	95.69	47.27
2020-12-09 12:41	59.66	212.54	0.0	0.01	486.3	142.6	95.06	48.52
2020-12-09 12:42	60.19	210.94	0.0	0.01	485.9	142.6	95.43	48.77
2020-12-09 12:43	60.54	210.93	0.0	0.01	486.6	142.3	93.53	44.67
2020-12-09 12:44	59.58	207.34	0.01	0.01	489.0	142.3	95.45	48.72
2020-12-09 12:45	60.25	207.79	0.01	0.01	485.6	142.6	95.76	45.22
2020-12-09 12:46	60.06	209.02	0.0	0.01	486.3	142.3	94.6	44.78
2020-12-09 12:47	59.91	209.71	0.0	0.01	487.6	142.2	96.11	47.37

## DRALOD ORDP 6.2 Annex 1a

timestamp	GdP-50	GdP-40	GdP-30	GdP-31	GF-50	GF-40	GRh-50	GRh-40
2020-12-09 12:48	59.37	207.9	0.0	0.01	486.2	141.6	95.15	42.37
2020-12-09 12:49	60.07	207.96	0.0	0.01	488.0	142.6	96.01	44.08
2020-12-09 12:50	60.18	212.77	0.0	0.01	486.9	142.6	95.43	41.44
2020-12-09 12:51	60.03	212.29	0.0	0.01	485.5	142.2	94.97	46.8
2020-12-09 12:52	59.48	211.57	0.0	0.01	487.3	142.2	95.67	40.66
2020-12-09 12:53	60.15	209.31	0.0	0.01	486.6	141.9	95.85	45.55
2020-12-09 12:54	60.43	208.7	0.0	0.01	486.5	141.6	95.66	41.05
2020-12-09 12:55	58.95	204.15	0.0	0.01	486.6	142.2	86.54	42.3
2020-12-09 12:56	60.19	213.8	0.0	0.02	487.6	142.2	91.66	39.57
2020-12-09 12:57	60.68	210.51	0.0	0.01	488.0	142.2	94.35	43.66
2020-12-09 12:58	60.41	210.06	0.0	0.01	486.9	142.2	85.47	47.17
2020-12-09 12:59	60.03	207.79	0.0	0.01	486.6	142.2	79.37	37.76
2020-12-09 13:00	59.45	213.08	0.0	0.02	487.9	142.5	93.96	40.82
2020-12-09 13:01	60.38	209.47	0.0	0.01	487.2	142.2	83.66	38.51
2020-12-09 13:02	60.47	212.58	0.0	0.01	485.9	141.8	92.58	42.82
2020-12-09 13:03	60.0	208.3	0.0	0.01	487.3	142.2	92.36	38.22
2020-12-09 13:04	61.39	206.58	0.0	0.01	488.3	142.5	95.44	44.85
2020-12-09 13:05	61.11	208.38	0.0	0.01	486.3	141.5	94.12	48.22
2020-12-09 13:06	60.18	208.67	0.01	0.01	483.5	141.5	92.05	44.4
2020-12-09 13:07	59.98	206.35	0.0	0.01	491.0	142.5	93.39	47.65
2020-12-09 13:08	60.88	208.87	0.0	0.01	486.3	141.8	93.66	42.57
2020-12-09 13:09	60.7	205.64	0.0	0.01	487.6	142.2	95.16	44.84
2020-12-09 13:10	60.43	207.56	0.0	0.01	485.9	141.8	91.59	48.7

timestamp	GRh-51	GF-30	GT-50	GT-40	GT-51	T_ambient	GT-21
2020-12-09 11:10	26.5	0.0	3.23	35.57	29.9	29.5	10.2
2020-12-09 11:11	26.3	0.0	3.32	34.04	29.9	29.3	9.8
2020-12-09 11:12	25.6	0.0	3.16	34.95	30.0	29.1	9.5
2020-12-09 11:13	25.0	0.0	3.22	35.51	30.0	28.8	9.2
2020-12-09 11:14	25.3	0.0	3.41	34.72	29.9	28.5	8.8
2020-12-09 11:15	25.3	0.0	3.26	34.63	29.8	28.1	8.6
2020-12-09 11:16	24.8	0.0	3.19	33.44	29.7	27.9	8.4
2020-12-09 11:17	25.5	0.0	3.16	33.56	29.5	27.5	8.1
2020-12-09 11:18	25.1	0.0	3.49	34.2	29.4	27.3	7.8
2020-12-09 11:19	24.9	0.0	3.24	33.92	29.3	27.1	7.6
2020-12-09 11:20	25.1	0.0	3.12	34.86	29.2	26.9	7.3
2020-12-09 11:21	25.2	0.0	3.22	36.28	29.0	26.6	7.1
2020-12-09 11:22	24.6	0.0	3.21	35.97	29.1	26.5	6.9
2020-12-09 11:23	24.3	0.0	3.57	35.22	29.1	26.4	6.7
2020-12-09 11:24	24.4	0.0	3.22	34.3	29.0	26.2	6.5
2020-12-09 11:25	24.4	0.0	3.34	36.17	29.0	26.0	6.3
2020-12-09 11:26	24.6	0.0	3.16	33.02	28.8	25.9	6.2
2020-12-09 11:27	24.3	0.0	3.26	33.1	28.7	25.7	6.0
2020-12-09 11:28	24.1	0.0	3.29	35.07	28.8	25.6	5.8
2020-12-09 11:29	24.2	0.0	3.22	32.18	28.6	25.4	5.7
2020-12-09 11:30	24.3	0.0	3.29	32.69	28.5	25.3	5.5
2020-12-09 11:31	24.1	0.0	3.41	30.25	28.5	25.2	5.3
2020-12-09 11:32	24.1	0.0	3.26	36.13	28.4	25.0	5.2
2020-12-09 11:33	24.2	0.0	3.27	32.43	28.4	24.9	5.1
2020-12-09 11:34	24.1	0.0	3.21	32.84	28.4	24.8	4.9
2020-12-09 11:35	23.9	0.0	3.22	33.6	28.3	24.8	4.8
2020-12-09 11:36	23.4	0.0	3.24	34.04	28.4	24.9	4.7
2020-12-09 11:37	23.3	0.0	3.28	33.96	28.6	24.9	4.5
2020-12-09 11:38	23.3	0.0	3.23	34.66	28.6	24.9	4.4
2020-12-09 11:39	22.9	0.0	3.2	34.63	28.6	24.8	4.3
2020-12-09 11:40	23.2	0.0	3.26	33.68	28.6	24.8	4.2
2020-12-09 11:41	23.0	0.0	3.22	33.49	28.5	24.7	4.1
2020-12-09 11:42	22.9	0.0	3.24	34.66	28.6	24.7	4.0
2020-12-09 11:43	22.5	0.0	3.24	33.69	28.7	24.7	3.9
2020-12-09 11:44	22.7	0.0	3.24	32.99	28.6	24.6	3.8
2020-12-09 11:45	22.8	0.0	3.34	33.32	28.5	24.5	3.8
2020-12-09 11:46	22.5	0.0	3.23	34.45	28.5	24.4	3.7
2020-12-09 11:47	22.9	0.0	3.23	33.74	28.5	24.4	3.6
2020-12-09 11:48	22.9	0.0	3.22	35.12	28.5	24.4	3.6
2020-12-09 11:49	22.3	0.0	3.2	33.23	28.5	24.3	3.5
2020-12-09 11:50	22.5	0.0	3.25	35.25	28.4	24.3	3.4
2020-12-09 11:51	22.8	0.0	3.23	35.17	28.4	24.4	3.4
2020-12-09 11:52	22.4	0.0	3.24	34.32	28.5	24.4	3.3
2020-12-09 11:53	22.6	0.0	3.22	33.93	28.4	24.4	3.3
2020-12-09 11:54	22.1	0.0	3.49	36.67	28.6	24.4	3.2
2020-12-09 11:55	22.6	0.0	3.2	34.88	28.5	24.3	3.2
2020-12-09 11:56	22.3	0.0	3.31	35.02	28.5	24.3	3.2
2020-12-09 11:57	22.5	0.0	3.25	36.15	28.5	24.3	3.1
2020-12-09 11:58	22.5	0.0	3.26	36.93	28.5	24.3	3.1

timestamp	GRh-51	GF-30	GT-50	GT-40	GT-51	T_ambient	GT-21
2020-12-09 11:59	22.8	0.0	3.23	35.4	28.5	24.3	3.1
2020-12-09 12:00	22.6	0.0	3.45	37.22	28.5	24.3	3.1
2020-12-09 12:01	22.2	0.0	3.26	37.2	28.6	24.3	3.1
2020-12-09 12:02	22.7	0.0	3.27	36.28	28.4	24.3	3.0
2020-12-09 12:03	22.5	0.0	3.39	35.61	28.6	24.3	3.1
2020-12-09 12:04	22.5	0.0	3.23	35.11	28.5	24.3	3.1
2020-12-09 12:05	22.4	0.0	3.31	34.09	28.5	24.2	3.1
2020-12-09 12:06	22.5	0.0	3.26	35.62	28.5	24.3	3.0
2020-12-09 12:07	22.5	0.0	3.26	35.06	28.5	24.3	3.0
2020-12-09 12:08	22.3	0.0	3.25	36.55	28.5	24.3	3.0
2020-12-09 12:09	22.3	0.0	3.26	37.13	28.6	24.4	3.0
2020-12-09 12:10	22.1	0.0	3.24	35.13	28.6	24.3	3.0
2020-12-09 12:11	22.2	0.0	3.36	30.81	28.6	24.3	3.0
2020-12-09 12:12	22.2	0.0	3.28	32.34	28.5	24.3	3.0
2020-12-09 12:13	22.1	0.0	3.37	34.21	28.6	24.3	3.0
2020-12-09 12:14	22.2	0.0	3.25	35.99	28.5	24.3	2.9
2020-12-09 12:15	22.6	0.0	3.29	36.48	28.4	24.3	2.9
2020-12-09 12:16	22.4	0.0	3.32	35.61	28.5	24.3	2.9
2020-12-09 12:17	22.3	0.0	3.27	36.38	28.5	24.3	2.9
2020-12-09 12:18	22.4	0.0	3.3	36.65	28.6	24.3	2.9
2020-12-09 12:19	21.8	0.0	3.28	35.68	28.7	24.4	2.9
2020-12-09 12:20	22.0	0.0	3.39	33.04	28.7	24.3	2.9
2020-12-09 12:21	22.2	0.0	3.44	34.71	28.6	24.3	2.9
2020-12-09 12:22	22.3	0.0	3.36	34.78	28.7	24.3	2.9
2020-12-09 12:23	22.2	0.0	3.31	35.29	28.6	24.1	2.9
2020-12-09 12:24	22.4	0.0	3.29	35.89	28.5	24.2	2.9
2020-12-09 12:25	22.4	0.0	3.26	35.85	28.5	24.1	2.9
2020-12-09 12:26	22.3	0.0	3.28	33.43	28.5	24.1	2.9
2020-12-09 12:27	22.2	0.0	3.25	33.32	28.4	24.1	2.9
2020-12-09 12:28	22.4	0.0	3.57	32.21	28.5	24.0	2.8
2020-12-09 12:29	22.1	0.0	3.36	30.25	28.5	24.0	2.8
2020-12-09 12:30	22.2	0.0	3.3	32.56	28.5	23.9	2.8
2020-12-09 12:31	22.1	0.0	3.52	34.69	28.5	24.0	2.8
2020-12-09 12:32	22.4	0.0	3.42	34.79	28.4	23.9	2.8
2020-12-09 12:33	22.4	0.0	3.34	34.98	28.4	23.9	2.7
2020-12-09 12:34	22.4	0.0	3.32	34.26	28.3	23.9	2.7
2020-12-09 12:35	22.0	0.0	3.34	35.87	28.4	23.9	2.7
2020-12-09 12:36	22.5	0.0	3.34	36.76	28.3	23.9	2.7
2020-12-09 12:37	22.8	0.0	3.37	37.02	28.2	23.8	2.7
2020-12-09 12:38	22.3	0.0	3.32	35.46	28.4	23.9	2.7
2020-12-09 12:39	22.6	0.0	3.45	37.56	28.3	23.9	2.6
2020-12-09 12:40	22.6	0.0	3.39	36.73	28.2	23.9	2.7
2020-12-09 12:41	22.3	0.0	3.57	35.17	28.3	23.8	2.7
2020-12-09 12:42	22.5	0.0	3.39	35.93	28.3	23.9	2.7
2020-12-09 12:43	22.7	0.0	3.71	35.73	28.2	23.8	2.7
2020-12-09 12:44	22.4	0.0	3.36	36.13	28.2	23.8	2.7
2020-12-09 12:45	22.5	0.0	3.39	37.54	28.3	24.0	2.7
2020-12-09 12:46	22.3	0.0	3.52	36.62	28.4	24.1	2.8
2020-12-09 12:47	22.3	0.0	3.39	37.19	28.5	24.1	2.8

timestamp	GRh-51	GF-30	GT-50	GT-40	GT-51	T_ambient	GT-21
2020-12-09 12:48	22.4	0.0	3.47	36.39	28.5	24.2	2.8
2020-12-09 12:49	22.1	0.0	3.36	36.87	28.6	24.2	2.8
2020-12-09 12:50	21.9	0.0	3.39	37.45	28.6	24.2	2.8
2020-12-09 12:51	22.3	0.0	3.57	37.74	28.5	24.3	2.9
2020-12-09 12:52	22.3	0.0	3.38	37.84	28.6	24.3	2.9
2020-12-09 12:53	22.1	0.0	3.4	37.87	28.7	24.4	2.9
2020-12-09 12:54	21.9	0.0	3.46	38.17	28.7	24.4	2.9
2020-12-09 12:55	22.4	0.0	5.45	38.98	28.8	24.4	2.9
2020-12-09 12:56	22.4	0.0	4.2	39.32	28.7	24.3	2.9
2020-12-09 12:57	22.5	0.0	3.69	37.97	28.6	24.2	3.0
2020-12-09 12:58	22.2	0.0	5.23	39.25	28.9	24.2	3.0
2020-12-09 12:59	22.3	0.0	6.74	38.99	29.1	24.5	3.0
2020-12-09 13:00	22.3	0.0	4.45	39.28	29.0	24.6	3.1
2020-12-09 13:01	22.5	0.0	5.57	39.19	29.1	24.6	3.1
2020-12-09 13:02	21.7	0.0	3.81	37.68	29.2	24.7	3.2
2020-12-09 13:03	22.1	0.0	3.85	37.8	29.1	24.7	3.2
2020-12-09 13:04	21.9	0.0	3.54	37.02	29.1	24.6	3.2
2020-12-09 13:05	22.1	0.0	3.75	36.49	29.0	24.7	3.3
2020-12-09 13:06	21.7	0.0	4.43	37.59	29.2	24.7	3.3
2020-12-09 13:07	21.7	0.0	3.75	36.03	29.2	24.7	3.3
2020-12-09 13:08	22.1	0.0	4.21	38.11	29.1	24.6	3.3
2020-12-09 13:09	22.1	0.0	3.64	36.66	29.2	24.6	3.3
2020-12-09 13:10	22.2	0.0	4.87	37.46	29.1	24.5	3.4

timestamp	GT-24	GT-22	GT-25	GT-11	GT-14	GT-12	GT-30
2020-12-09 11:10	12.2	15.3	15.3	40.3	23.5	23.3	22.4
2020-12-09 11:11	11.8500000000000001	14.9	14.9	40.6	23.9	23.4	22.2
2020-12-09 11:12	11.55	14.6	14.7	40.9	24.0	23.6	22.0
2020-12-09 11:13	11.25	14.3	14.3	41.1	24.1	23.7	21.8
2020-12-09 11:14	11.0	14.0	14.0	41.2	24.3	23.8	21.6
2020-12-09 11:15	10.7	13.7	13.7	41.2	24.4	24.0	21.4
2020-12-09 11:16	10.5	13.5	13.5	41.4	24.3	24.0	21.2
2020-12-09 11:17	10.2	13.2	13.2	41.5	24.3	24.1	21.0
2020-12-09 11:18	9.95	12.9	12.9	41.5	24.4	24.2	20.8
2020-12-09 11:19	9.75	12.7	12.7	41.5	24.4	24.3	20.6
2020-12-09 11:20	9.5	12.5	12.5	41.6	24.4	24.4	20.4
2020-12-09 11:21	9.25	12.2	12.3	41.7	24.4	24.5	20.3
2020-12-09 11:22	9.05	12.0	12.0	41.8	24.5	24.5	20.2
2020-12-09 11:23	8.9	11.8	11.8	41.8	24.6	24.6	20.0
2020-12-09 11:24	8.75	11.6	11.6	41.9	24.5	24.6	19.9
2020-12-09 11:25	8.6	11.4	11.4	41.9	24.5	24.7	19.8
2020-12-09 11:26	8.4	11.2	11.3	41.9	24.6	24.7	19.6
2020-12-09 11:27	8.2	11.1	11.1	42.0	24.6	24.7	19.5
2020-12-09 11:28	8.1	10.9	10.9	41.9	24.6	24.7	19.3
2020-12-09 11:29	7.9	10.8	10.8	41.9	24.5	24.8	19.2
2020-12-09 11:30	7.7	10.6	10.6	42.0	24.6	24.8	19.0
2020-12-09 11:31	7.6	10.4	10.5	42.0	24.7	24.8	18.9
2020-12-09 11:32	7.5	10.3	10.3	42.0	24.6	24.9	18.8
2020-12-09 11:33	7.3000000000000001	10.1	10.1	42.0	24.6	24.9	18.6
2020-12-09 11:34	7.15	10.0	10.0	42.0	24.6	24.9	18.5
2020-12-09 11:35	7.05	9.8	9.9	42.0	24.6	24.9	18.4
2020-12-09 11:36	6.9	9.7	9.7	42.0	24.6	24.9	18.3
2020-12-09 11:37	6.75	9.6	9.6	42.0	24.7	24.9	18.2
2020-12-09 11:38	6.65	9.5	9.5	42.0	24.7	25.0	18.2
2020-12-09 11:39	6.55	9.4	9.4	42.0	24.6	25.0	18.1
2020-12-09 11:40	6.449999999999999	9.2	9.3	42.0	24.7	25.0	18.1
2020-12-09 11:41	6.4	9.1	9.1	42.0	24.7	25.0	18.0
2020-12-09 11:42	6.35	9.1	9.1	42.0	24.7	25.0	18.0
2020-12-09 11:43	6.25	9.0	9.0	42.0	24.7	25.0	17.9
2020-12-09 11:44	6.15	8.9	8.9	42.0	24.7	25.0	17.8
2020-12-09 11:45	6.1000000000000005	8.8	8.8	42.0	24.7	25.0	17.8
2020-12-09 11:46	6.0	8.7	8.8	42.0	24.7	25.0	17.7
2020-12-09 11:47	5.949999999999999	8.7	8.7	42.0	24.7	25.1	17.6
2020-12-09 11:48	5.85	8.6	8.6	42.0	24.7	25.1	17.6
2020-12-09 11:49	5.8	8.5	8.5	42.0	24.6	25.1	17.6
2020-12-09 11:50	5.7	8.5	8.5	42.0	24.6	25.1	17.5
2020-12-09 11:51	5.7	8.4	8.4	42.0	24.7	25.0	17.5
2020-12-09 11:52	5.7	8.3	8.4	42.0	24.6	25.0	17.5
2020-12-09 11:53	5.6	8.3	8.3	42.0	24.7	25.1	17.5
2020-12-09 11:54	5.6	8.3	8.3	42.0	24.7	25.1	17.4
2020-12-09 11:55	5.6	8.2	8.2	42.0	24.7	25.1	17.4
2020-12-09 11:56	5.5	8.2	8.2	42.0	24.8	25.1	17.4
2020-12-09 11:57	5.5	8.2	8.2	42.0	24.7	25.1	17.4
2020-12-09 11:58	5.45	8.1	8.1	42.0	24.8	25.1	17.4



timestamp	GT-24	GT-22	GT-25	GT-11	GT-14	GT-12	GT-30
2020-12-09 11:59	5.45	8.1	8.1	42.0	24.8	25.1	17.5
2020-12-09 12:00	5.45	8.1	8.1	42.0	24.8	25.1	17.5
2020-12-09 12:01	5.45	8.1	8.1	42.0	24.7	25.1	17.5
2020-12-09 12:02	5.45	8.1	8.1	42.0	24.7	25.1	17.5
2020-12-09 12:03	5.45	8.1	8.1	42.0	24.9	25.1	17.5
2020-12-09 12:04	5.45	8.1	8.1	42.0	24.8	25.1	17.5
2020-12-09 12:05	5.45	8.1	8.1	42.0	24.8	25.1	17.5
2020-12-09 12:06	5.45	8.1	8.1	42.1	24.8	25.2	17.5
2020-12-09 12:07	5.4	8.1	8.1	42.1	24.8	25.2	17.4
2020-12-09 12:08	5.35	8.1	8.1	42.1	24.8	25.2	17.4
2020-12-09 12:09	5.4	8.0	8.0	42.1	24.8	25.2	17.4
2020-12-09 12:10	5.35	8.0	8.0	42.1	24.8	25.2	17.4
2020-12-09 12:11	5.35	8.0	8.0	42.1	24.8	25.2	17.5
2020-12-09 12:12	5.35	8.0	8.0	42.1	24.8	25.2	17.4
2020-12-09 12:13	5.35	8.0	8.0	42.1	24.9	25.2	17.3
2020-12-09 12:14	5.3	8.0	8.0	42.1	24.8	25.2	17.3
2020-12-09 12:15	5.3	7.9	8.0	42.1	24.8	25.2	17.3
2020-12-09 12:16	5.25	7.9	7.9	42.1	24.9	25.2	17.3
2020-12-09 12:17	5.25	7.9	7.9	42.1	24.8	25.2	17.3
2020-12-09 12:18	5.25	7.9	7.9	42.1	24.8	25.2	17.3
2020-12-09 12:19	5.25	7.9	7.9	42.1	24.9	25.2	17.4
2020-12-09 12:20	5.25	7.9	7.9	42.1	24.9	25.2	17.3
2020-12-09 12:21	5.25	7.9	7.9	42.1	24.9	25.2	17.4
2020-12-09 12:22	5.25	7.9	7.9	42.2	24.9	25.2	17.4
2020-12-09 12:23	5.25	7.9	7.9	42.1	24.9	25.3	17.3
2020-12-09 12:24	5.25	7.9	7.9	42.2	24.8	25.3	17.3
2020-12-09 12:25	5.25	7.9	7.9	42.2	24.8	25.3	17.3
2020-12-09 12:26	5.25	7.9	7.9	42.2	24.8	25.3	17.3
2020-12-09 12:27	5.25	7.9	7.9	42.1	24.8	25.2	17.2
2020-12-09 12:28	5.25	7.9	7.9	42.1	24.8	25.2	17.2
2020-12-09 12:29	5.2	7.9	7.9	42.1	24.9	25.2	17.2
2020-12-09 12:30	5.2	7.8	7.8	42.2	24.8	25.3	17.1
2020-12-09 12:31	5.15	7.8	7.8	42.1	25.0	25.2	17.0
2020-12-09 12:32	5.1	7.8	7.8	42.1	24.9	25.2	17.0
2020-12-09 12:33	5.1	7.7	7.7	42.1	24.9	25.3	17.1
2020-12-09 12:34	5.05	7.7	7.7	42.1	24.8	25.3	17.0
2020-12-09 12:35	5.05	7.7	7.7	42.2	24.8	25.3	17.0
2020-12-09 12:36	5.05	7.7	7.7	42.1	24.8	25.2	17.0
2020-12-09 12:37	5.05	7.7	7.7	42.1	24.8	25.3	17.1
2020-12-09 12:38	5.05	7.7	7.7	42.1	24.8	25.2	17.1
2020-12-09 12:39	5.05	7.7	7.7	42.1	24.8	25.2	17.1
2020-12-09 12:40	5.05	7.7	7.7	42.1	24.9	25.2	17.2
2020-12-09 12:41	5.05	7.7	7.7	42.1	24.8	25.2	17.2
2020-12-09 12:42	5.1	7.7	7.7	42.1	24.9	25.2	17.2
2020-12-09 12:43	5.1	7.7	7.7	42.1	24.9	25.2	17.2
2020-12-09 12:44	5.05	7.7	7.8	42.1	24.8	25.2	17.2
2020-12-09 12:45	5.15	7.8	7.7	42.1	24.8	25.2	17.2
2020-12-09 12:46	5.15	7.8	7.8	42.1	25.0	25.2	17.2
2020-12-09 12:47	5.15	7.8	7.8	42.1	24.9	25.3	17.2

timestamp	GT-24	GT-22	GT-25	GT-11	GT-14	GT-12	GT-30
2020-12-09 12:48	5.2	7.8	7.8	42.2	24.9	25.3	17.3
2020-12-09 12:49	5.2	7.8	7.8	42.2	24.9	25.3	17.3
2020-12-09 12:50	5.25	7.9	7.9	42.1	24.9	25.3	17.3
2020-12-09 12:51	5.25	7.9	7.9	42.1	24.9	25.3	17.3
2020-12-09 12:52	5.3	7.9	7.9	42.2	24.9	25.3	17.4
2020-12-09 12:53	5.3	7.9	7.9	42.2	24.9	25.3	17.5
2020-12-09 12:54	5.35	7.9	7.9	42.2	25.0	25.3	17.5
2020-12-09 12:55	5.4	8.0	8.0	42.2	25.3	25.3	17.5
2020-12-09 12:56	5.4	8.0	8.0	42.2	25.4	25.3	17.5
2020-12-09 12:57	5.4	8.0	8.0	42.3	25.3	25.4	17.6
2020-12-09 12:58	5.4	8.0	8.0	42.4	25.6	25.4	17.6
2020-12-09 12:59	5.5	8.1	8.1	42.4	26.1	25.5	17.7
2020-12-09 13:00	5.5	8.1	8.1	42.5	25.6	25.6	17.8
2020-12-09 13:01	5.5500000000000001	8.2	8.2	42.6	26.1	25.7	17.9
2020-12-09 13:02	5.6	8.2	8.2	42.7	25.7	25.8	17.9
2020-12-09 13:03	5.6	8.2	8.3	42.8	25.7	25.8	17.9
2020-12-09 13:04	5.6	8.3	8.3	42.9	25.4	25.9	17.9
2020-12-09 13:05	5.7	8.3	8.3	42.9	25.5	25.9	17.9
2020-12-09 13:06	5.7	8.3	8.3	42.9	25.5	25.9	17.9
2020-12-09 13:07	5.7	8.3	8.3	42.9	25.8	25.9	17.8
2020-12-09 13:08	5.7	8.4	8.4	42.9	25.5	26.0	17.8
2020-12-09 13:09	5.7	8.4	8.4	43.0	25.5	25.9	17.8
2020-12-09 13:10	5.7	8.4	8.4	43.0	25.4	25.9	17.8

timestamp	GT-31	GT-21b	GT-22b	GT-12b
2020-12-09 11:10	13.1	10.553333333333333	14.961666666666665	22.231666666666666
2020-12-09 11:11	12.8	10.225000000000003	14.660000000000002	22.383333333333336
2020-12-09 11:12	12.5	9.909999999999999	14.359999999999989	22.536666666666648
2020-12-09 11:13	12.2	9.605000000000002	14.063333333333336	22.650000000000027
2020-12-09 11:14	11.9	9.320000000000001	13.791666666666682	22.749999999999982
2020-12-09 11:15	11.7	9.069999999999999	13.543333333333331	22.858333333333352
2020-12-09 11:16	11.4	8.801666666666667	13.281666666666688	22.956666666666666
2020-12-09 11:17	11.2	8.539999999999996	13.019999999999994	23.009999999999999
2020-12-09 11:18	11.0	8.290000000000001	12.786666666666687	23.110000000000003
2020-12-09 11:19	10.8	8.051666666666664	12.556666666666668	23.211666666666668
2020-12-09 11:20	10.5	7.833333333333339	12.339999999999993	23.299999999999972
2020-12-09 11:21	10.3	7.6183333333333385	12.133333333333345	23.366666666666685
2020-12-09 11:22	10.2	7.411666666666665	11.928333333333317	23.400000000000016
2020-12-09 11:23	10.0	7.226666666666664	11.753333333333348	23.458333333333333
2020-12-09 11:24	9.8	7.044999999999997	11.563333333333336	23.509999999999999
2020-12-09 11:25	9.7	6.798333333333335	11.384999999999984	23.599999999999984
2020-12-09 11:26	9.5	6.638333333333339	11.231666666666674	23.599999999999984
2020-12-09 11:27	9.3	6.464999999999992	11.060000000000002	23.599999999999984
2020-12-09 11:28	9.2	6.293333333333335	10.896666666666665	23.641666666666694
2020-12-09 11:29	9.0	6.135000000000006	10.741666666666674	23.700000000000028
2020-12-09 11:30	8.9	5.983333333333328	10.593333333333339	23.700000000000028
2020-12-09 11:31	8.7	5.856666666666673	10.449999999999989	23.700000000000028
2020-12-09 11:32	8.6	5.7116666666666625	10.303333333333345	23.766666666666637
2020-12-09 11:33	8.5	5.558333333333332	10.151666666666674	23.799999999999972
2020-12-09 11:34	8.3	5.426666666666665	10.020000000000001	23.799999999999972
2020-12-09 11:35	8.2	5.278333333333334	9.871666666666657	23.799999999999972
2020-12-09 11:36	8.1	5.153333333333335	9.760000000000007	23.799999999999972
2020-12-09 11:37	8.0	5.048333333333332	9.651666666666674	23.799999999999972
2020-12-09 11:38	7.9	4.936666666666665	9.539999999999997	23.841666666666683
2020-12-09 11:39	7.8	4.826666666666672	9.436666666666655	23.900000000000016
2020-12-09 11:40	7.7	4.733333333333326	9.333333333333337	23.900000000000016
2020-12-09 11:41	7.6	4.655	9.256666666666667	23.900000000000016
2020-12-09 11:42	7.6	4.5733333333333315	9.165000000000003	23.900000000000016
2020-12-09 11:43	7.5	4.486666666666665	9.091666666666674	23.900000000000016
2020-12-09 11:44	7.4	4.400000000000003	9.0	23.900000000000016
2020-12-09 11:45	7.3	4.315000000000004	8.908333333333324	23.900000000000016
2020-12-09 11:46	7.3	4.263333333333333	8.866666666666665	23.900000000000016
2020-12-09 11:47	7.2	4.199999999999995	8.800000000000006	23.951666666666666
2020-12-09 11:48	7.1	4.108333333333333	8.719999999999994	24.0
2020-12-09 11:49	7.1	4.04	8.678333333333333	24.0
2020-12-09 11:50	7.0	4.0	8.600000000000001	24.0
2020-12-09 11:51	7.0	3.918333333333337	8.568333333333335	24.0
2020-12-09 11:52	6.9	3.900000000000004	8.5	24.0
2020-12-09 11:53	6.9	3.815000000000004	8.5	24.0
2020-12-09 11:54	6.9	3.786666666666675	8.406666666666657	24.0
2020-12-09 11:55	6.8	3.699999999999996	8.399999999999999	24.0
2020-12-09 11:56	6.8	3.699999999999996	8.399999999999999	24.0
2020-12-09 11:57	6.8	3.699999999999996	8.316666666666675	24.0
2020-12-09 11:58	6.8	3.638333333333333	8.300000000000008	24.0

timestamp	GT-31	GT-21b	GT-22b	GT-12b
2020-12-09 11:59	6.8	3.599999999999996	8.300000000000008	24.0
2020-12-09 12:00	6.8	3.599999999999996	8.300000000000008	24.0
2020-12-09 12:01	6.7	3.599999999999996	8.300000000000008	24.0
2020-12-09 12:02	6.7	3.599999999999996	8.300000000000008	24.0
2020-12-09 12:03	6.7	3.599999999999996	8.300000000000008	24.07499999999985
2020-12-09 12:04	6.7	3.599999999999996	8.300000000000008	24.09999999999984
2020-12-09 12:05	6.8	3.599999999999996	8.300000000000008	24.09999999999984
2020-12-09 12:06	6.7	3.599999999999996	8.300000000000008	24.09999999999984
2020-12-09 12:07	6.7	3.599999999999996	8.300000000000008	24.09999999999984
2020-12-09 12:08	6.7	3.599999999999996	8.298333333333341	24.09999999999984
2020-12-09 12:09	6.7	3.5749999999999975	8.199999999999992	24.09999999999984
2020-12-09 12:10	6.7	3.5083333333333333	8.199999999999992	24.09999999999984
2020-12-09 12:11	6.7	3.5	8.199999999999992	24.09999999999984
2020-12-09 12:12	6.7	3.5	8.199999999999992	24.09999999999984
2020-12-09 12:13	6.7	3.5	8.199999999999992	24.09999999999984
2020-12-09 12:14	6.6	3.5	8.199999999999992	24.09999999999984
2020-12-09 12:15	6.6	3.5	8.199999999999992	24.09999999999984
2020-12-09 12:16	6.6	3.4433333333333365	8.111666666666675	24.09999999999984
2020-12-09 12:17	6.6	3.4000000000000035	8.100000000000009	24.09999999999984
2020-12-09 12:18	6.6	3.4000000000000035	8.100000000000009	24.09999999999984
2020-12-09 12:19	6.6	3.4000000000000035	8.100000000000009	24.10499999999993
2020-12-09 12:20	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:21	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:22	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:23	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:24	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:25	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:26	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:27	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:28	6.6	3.4000000000000035	8.100000000000009	24.200000000000028
2020-12-09 12:29	6.5	3.328333333333336	8.100000000000009	24.200000000000028
2020-12-09 12:30	6.5	3.3000000000000003	8.031666666666666	24.200000000000028
2020-12-09 12:31	6.5	3.3000000000000003	8.0	24.200000000000028
2020-12-09 12:32	6.4	3.3000000000000003	8.0	24.200000000000028
2020-12-09 12:33	6.4	3.2733333333333303	8.0	24.200000000000028
2020-12-09 12:34	6.4	3.199999999999997	7.913333333333325	24.200000000000028
2020-12-09 12:35	6.4	3.199999999999997	7.899999999999915	24.200000000000028
2020-12-09 12:36	6.4	3.199999999999997	7.899999999999915	24.200000000000028
2020-12-09 12:37	6.4	3.1816666666666664	7.899999999999915	24.200000000000028
2020-12-09 12:38	6.4	3.199999999999997	7.899999999999915	24.200000000000028
2020-12-09 12:39	6.4	3.199999999999997	7.899999999999915	24.200000000000028
2020-12-09 12:40	6.4	3.199999999999997	7.899999999999915	24.200000000000028
2020-12-09 12:41	6.4	3.199999999999997	7.899999999999915	24.200000000000028
2020-12-09 12:42	6.4	3.199999999999997	7.948333333333335	24.200000000000028
2020-12-09 12:43	6.4	3.199999999999997	8.0	24.200000000000028
2020-12-09 12:44	6.5	3.199999999999997	8.0	24.200000000000028
2020-12-09 12:45	6.5	3.2266666666666697	8.0	24.200000000000028
2020-12-09 12:46	6.5	3.3000000000000003	8.0	24.200000000000028
2020-12-09 12:47	6.5	3.3000000000000003	8.0	24.200000000000028

timestamp	GT-31	GT-21b	GT-22b	GT-12b
2020-12-09 12:48	6.5	3.300000000000003	8.04000000000001	24.20000000000028
2020-12-09 12:49	6.5	3.300000000000003	8.10000000000009	24.20000000000028
2020-12-09 12:50	6.6	3.390000000000032	8.10000000000009	24.20000000000028
2020-12-09 12:51	6.6	3.400000000000035	8.10000000000009	24.20000000000028
2020-12-09 12:52	6.6	3.400000000000035	8.10000000000009	24.20000000000028
2020-12-09 12:53	6.6	3.400000000000035	8.19333333333324	24.20000000000028
2020-12-09 12:54	6.7	3.411666666666693	8.19999999999992	24.20000000000028
2020-12-09 12:55	6.7	3.5	8.19999999999992	24.231666666666666
2020-12-09 12:56	6.7	3.5	8.23333333333333	24.29999999999972
2020-12-09 12:57	6.7	3.5	8.30000000000008	24.38500000000016
2020-12-09 12:58	6.8	3.519999999999987	8.30000000000008	24.40000000000002
2020-12-09 12:59	6.8	3.599999999999996	8.30000000000008	24.46499999999996
2020-12-09 13:00	6.9	3.599999999999996	8.39999999999999	24.58499999999983
2020-12-09 13:01	6.9	3.651666666666615	8.39999999999999	24.66333333333362
2020-12-09 13:02	6.9	3.699999999999996	8.44	24.78666666666664
2020-12-09 13:03	6.9	3.699999999999996	8.5	24.79999999999972
2020-12-09 13:04	7.0	3.743333333333394	8.5	24.79999999999972
2020-12-09 13:05	7.0	3.800000000000004	8.56333333333343	24.80333333333331
2020-12-09 13:06	7.0	3.800000000000004	8.60000000000001	24.90000000000002
2020-12-09 13:07	7.0	3.830000000000004	8.60000000000001	24.90000000000002
2020-12-09 13:08	7.0	3.800000000000004	8.60000000000001	24.90000000000002
2020-12-09 13:09	7.0	3.76833333333333	8.525	24.81666666666664
2020-12-09 13:10	7.0	3.699999999999996	8.5	24.79999999999972

timestamp	GT-11b	GT-62	GT-61
2020-12-09 11:10	39.74500000000001	93.14999999999992	15.756666666666685
2020-12-09 11:11	40.031666666666624	93.76166666666664	15.453333333333319
2020-12-09 11:12	40.215000000000046	94.28999999999999	15.151666666666667
2020-12-09 11:13	40.31666666666665	94.60000000000001	14.894999999999978
2020-12-09 11:14	40.40333333333338	94.69999999999989	14.680000000000007
2020-12-09 11:15	40.51833333333332	94.69999999999989	14.491666666666658
2020-12-09 11:16	40.59999999999995	94.68833333333329	14.263333333333355
2020-12-09 11:17	40.64666666666665	94.56999999999995	14.058333333333337
2020-12-09 11:18	40.71666666666672	94.45166666666658	13.856666666666646
2020-12-09 11:19	40.81999999999986	94.34000000000012	13.661666666666667
2020-12-09 11:20	40.90000000000005	94.25166666666666	13.488333333333326
2020-12-09 11:21	40.908333333333374	94.13000000000008	13.311666666666667
2020-12-09 11:22	41.0	93.97333333333323	13.136666666666677
2020-12-09 11:23	41.0	93.83333333333346	12.964999999999993
2020-12-09 11:24	41.05166666666662	93.73166666666654	12.816666666666665
2020-12-09 11:25	41.09999999999995	93.58333333333333	12.656666666666672
2020-12-09 11:26	41.09999999999995	93.43666666666666	12.514999999999997
2020-12-09 11:27	41.09999999999995	93.33333333333346	12.363333333333316
2020-12-09 11:28	41.09999999999995	93.19666666666669	12.223333333333342
2020-12-09 11:29	41.09999999999995	93.04333333333331	12.075000000000006
2020-12-09 11:30	41.09999999999995	92.90999999999994	11.939999999999987
2020-12-09 11:31	41.09999999999995	92.79833333333337	11.8
2020-12-09 11:32	41.09999999999995	92.66166666666672	11.663333333333336
2020-12-09 11:33	41.09999999999995	92.53666666666665	11.53
2020-12-09 11:34	41.09999999999995	92.41666666666661	11.378333333333314
2020-12-09 11:35	41.09999999999995	92.26499999999994	11.261666666666681
2020-12-09 11:36	41.09999999999995	92.13000000000007	11.141666666666678
2020-12-09 11:37	41.09999999999995	91.99499999999996	11.033333333333331
2020-12-09 11:38	41.09999999999995	91.86000000000001	10.921666666666654
2020-12-09 11:39	41.09999999999995	91.76666666666665	10.819999999999997
2020-12-09 11:40	41.09999999999995	91.65333333333339	10.720000000000002
2020-12-09 11:41	41.09999999999995	91.54833333333332	10.636666666666668
2020-12-09 11:42	41.09999999999995	91.46666666666657	10.523333333333333
2020-12-09 11:43	41.09999999999995	91.34833333333344	10.453333333333322
2020-12-09 11:44	41.13833333333335	91.30000000000001	10.383333333333319
2020-12-09 11:45	41.09999999999995	91.20999999999999	10.299999999999999
2020-12-09 11:46	41.09999999999995	91.10333333333334	10.203333333333335
2020-12-09 11:47	41.16999999999995	91.0	10.158333333333339
2020-12-09 11:48	41.16999999999995	90.95666666666666	10.100000000000012
2020-12-09 11:49	41.09999999999995	90.89999999999995	10.003333333333334
2020-12-09 11:50	41.09999999999995	90.80333333333344	10.0
2020-12-09 11:51	41.09999999999995	90.71666666666655	9.918333333333322
2020-12-09 11:52	41.09999999999995	90.69999999999999	9.899999999999988
2020-12-09 11:53	41.09999999999995	90.68666666666665	9.873333333333324
2020-12-09 11:54	41.09999999999995	90.57999999999997	9.800000000000002
2020-12-09 11:55	41.14166666666667	90.5	9.800000000000002
2020-12-09 11:56	41.11333333333327	90.42666666666663	9.781666666666677
2020-12-09 11:57	41.18166666666668	90.39999999999995	9.699999999999998
2020-12-09 11:58	41.09999999999995	90.39999999999995	9.699999999999998

timestamp	GT-11b	GT-62	GT-61
2020-12-09 11:59	41.09999999999995	90.39999999999995	9.69999999999998
2020-12-09 12:00	41.17999999999999	90.37333333333342	9.69999999999998
2020-12-09 12:01	41.19999999999996	90.30000000000001	9.69999999999998
2020-12-09 12:02	41.19999999999996	90.30000000000001	9.69999999999998
2020-12-09 12:03	41.19999999999996	90.30000000000001	9.69999999999998
2020-12-09 12:04	41.19999999999996	90.30000000000001	9.69999999999998
2020-12-09 12:05	41.19999999999996	90.30000000000001	9.69999999999998
2020-12-09 12:06	41.19999999999996	90.30000000000001	9.69999999999998
2020-12-09 12:07	41.19999999999996	90.30000000000001	9.69999999999998
2020-12-09 12:08	41.19999999999996	90.30000000000001	9.69999999999998
2020-12-09 12:09	41.19999999999996	90.30000000000001	9.66166666666667
2020-12-09 12:10	41.19999999999996	90.30000000000001	9.600000000000012
2020-12-09 12:11	41.19999999999996	90.30000000000001	9.600000000000012
2020-12-09 12:12	41.223333333333386	90.30000000000001	9.600000000000012
2020-12-09 12:13	41.26333333333329	90.28166666666667	9.600000000000012
2020-12-09 12:14	41.25333333333336	90.19999999999999	9.600000000000012
2020-12-09 12:15	41.21666666666666	90.19999999999999	9.600000000000012
2020-12-09 12:16	41.19999999999996	90.19999999999999	9.591666666666676
2020-12-09 12:17	41.275000000000006	90.11500000000004	9.5
2020-12-09 12:18	41.26666666666662	90.15666666666655	9.5
2020-12-09 12:19	41.19999999999996	90.19999999999999	9.5
2020-12-09 12:20	41.23166666666671	90.19999999999999	9.5
2020-12-09 12:21	41.300000000000004	90.15666666666672	9.5
2020-12-09 12:22	41.300000000000004	90.10000000000005	9.5
2020-12-09 12:23	41.300000000000004	90.10000000000005	9.5
2020-12-09 12:24	41.300000000000004	90.19166666666658	9.5
2020-12-09 12:25	41.300000000000004	90.18000000000002	9.5
2020-12-09 12:26	41.300000000000004	90.10000000000005	9.5
2020-12-09 12:27	41.300000000000004	90.10000000000005	9.5
2020-12-09 12:28	41.300000000000004	90.10000000000005	9.5
2020-12-09 12:29	41.300000000000004	90.10000000000005	9.5
2020-12-09 12:30	41.300000000000004	90.10000000000005	9.5
2020-12-09 12:31	41.300000000000004	90.10000000000005	9.40499999999999
2020-12-09 12:32	41.300000000000004	90.10000000000005	9.39999999999999
2020-12-09 12:33	41.300000000000004	90.08166666666665	9.39999999999999
2020-12-09 12:34	41.300000000000004	89.98333333333328	9.36166666666663
2020-12-09 12:35	41.300000000000004	89.89999999999995	9.300000000000004
2020-12-09 12:36	41.300000000000004	89.89999999999995	9.300000000000004
2020-12-09 12:37	41.293333333333315	89.89999999999995	9.300000000000004
2020-12-09 12:38	41.19999999999996	89.89999999999995	9.300000000000004
2020-12-09 12:39	41.215000000000046	89.89999999999995	9.300000000000004
2020-12-09 12:40	41.300000000000004	89.89999999999995	9.300000000000004
2020-12-09 12:41	41.300000000000004	89.89999999999995	9.300000000000004
2020-12-09 12:42	41.285000000000002	89.84333333333332	9.300000000000004
2020-12-09 12:43	41.300000000000004	89.89999999999995	9.300000000000004
2020-12-09 12:44	41.300000000000004	89.90833333333332	9.300000000000004
2020-12-09 12:45	41.284999999999954	90.0	9.300000000000004
2020-12-09 12:46	41.263333333333335	90.0	9.300000000000004
2020-12-09 12:47	41.300000000000004	90.0	9.300000000000004

timestamp	GT-11b	GT-62	GT-61
2020-12-09 12:48	41.300000000000004	90.0	9.34833333333326
2020-12-09 12:49	41.300000000000004	90.13333333333321	9.39999999999999
2020-12-09 12:50	41.300000000000004	90.19999999999999	9.39999999999999
2020-12-09 12:51	41.35166666666667	90.19999999999999	9.39999999999999
2020-12-09 12:52	41.400000000000005	90.19999999999999	9.41999999999993
2020-12-09 12:53	41.400000000000005	90.19999999999999	9.5
2020-12-09 12:54	41.400000000000005	90.25833333333344	9.5
2020-12-09 12:55	41.400000000000005	90.30000000000001	9.5
2020-12-09 12:56	41.42666666666669	90.30000000000001	9.55166666666678
2020-12-09 12:57	41.50166666666665	90.30000000000001	9.60000000000012
2020-12-09 12:58	41.59999999999995	90.39833333333333	9.60000000000012
2020-12-09 12:59	41.59999999999995	90.46833333333333	9.61166666666668
2020-12-09 13:00	41.70500000000001	90.65999999999988	9.69999999999998
2020-12-09 13:01	41.83333333333334	90.77833333333344	9.69999999999998
2020-12-09 13:02	41.97333333333333	90.81333333333335	9.71666666666656
2020-12-09 13:03	42.03333333333333	90.92666666666667	9.80000000000002
2020-12-09 13:04	42.078333333333305	91.07000000000006	9.80000000000002
2020-12-09 13:05	42.09999999999995	91.17666666666656	9.87499999999999
2020-12-09 13:06	42.09999999999995	91.23166666666667	9.89999999999988
2020-12-09 13:07	42.09999999999995	91.30000000000001	9.89999999999988
2020-12-09 13:08	42.09999999999995	91.30000000000001	9.89999999999988
2020-12-09 13:09	42.09833333333329	91.30000000000001	9.89999999999988
2020-12-09 13:10	42.0	91.30000000000001	9.89999999999988



timestamp	GP-62	GP-63	GT-63
2020-12-09 11:10	24.21833333333327	6.89999999999994	-0.300000000000004
2020-12-09 11:11	24.35833333333352	6.89999999999994	-0.300000000000004
2020-12-09 11:12	24.40000000000002	6.89999999999994	-0.300000000000004
2020-12-09 11:13	24.475	6.89999999999994	-0.300000000000004
2020-12-09 11:14	24.5	6.89999999999994	-0.300000000000004
2020-12-09 11:15	24.5	6.89999999999994	-0.300000000000004
2020-12-09 11:16	24.5	6.89999999999994	-0.300000000000004
2020-12-09 11:17	24.5	6.89999999999994	-0.300000000000004
2020-12-09 11:18	24.56499999999998	6.89999999999994	-0.300000000000004
2020-12-09 11:19	24.63000000000002	6.89999999999994	-0.300000000000004
2020-12-09 11:20	24.700000000000028	6.89999999999994	-0.378333333333331
2020-12-09 11:21	24.700000000000028	6.89999999999994	-0.399999999999963
2020-12-09 11:22	24.700000000000028	6.89999999999994	-0.476666666666667
2020-12-09 11:23	24.700000000000028	6.89999999999994	-0.5
2020-12-09 11:24	24.700000000000028	6.89999999999994	-0.5
2020-12-09 11:25	24.700000000000028	6.89999999999994	-0.5
2020-12-09 11:26	24.700000000000028	6.89999999999994	-0.5
2020-12-09 11:27	24.700000000000028	6.800000000000007	-0.600000000000008
2020-12-09 11:28	24.700000000000028	6.800000000000007	-0.600000000000008
2020-12-09 11:29	24.700000000000028	6.800000000000007	-0.600000000000008
2020-12-09 11:30	24.700000000000028	6.800000000000007	-0.628333333333334
2020-12-09 11:31	24.700000000000028	6.800000000000007	-0.700000000000004
2020-12-09 11:32	24.700000000000028	6.800000000000007	-0.700000000000004
2020-12-09 11:33	24.700000000000028	6.800000000000007	-0.700000000000004
2020-12-09 11:34	24.700000000000028	6.800000000000007	-0.739999999999991
2020-12-09 11:35	24.65666666666665	6.800000000000007	-0.799999999999993
2020-12-09 11:36	24.59999999999998	6.800000000000007	-0.799999999999993
2020-12-09 11:37	24.59999999999998	6.800000000000007	-0.799999999999993
2020-12-09 11:38	24.59999999999998	6.800000000000007	-0.799999999999993
2020-12-09 11:39	24.59999999999998	6.800000000000007	-0.879999999999991
2020-12-09 11:40	24.59999999999998	6.800000000000007	-0.899999999999999
2020-12-09 11:41	24.59999999999998	6.800000000000007	-0.899999999999999
2020-12-09 11:42	24.59999999999998	6.800000000000007	-0.899999999999999
2020-12-09 11:43	24.59999999999998	6.800000000000007	-0.899999999999999
2020-12-09 11:44	24.59999999999998	6.7900000000000045	-0.909999999999991
2020-12-09 11:45	24.59999999999998	6.699999999999993	-1.0
2020-12-09 11:46	24.59999999999998	6.699999999999993	-1.0
2020-12-09 11:47	24.59999999999998	6.699999999999993	-1.0
2020-12-09 11:48	24.59999999999998	6.699999999999993	-1.0
2020-12-09 11:49	24.59999999999998	6.699999999999993	-1.0
2020-12-09 11:50	24.515	6.699999999999993	-1.0
2020-12-09 11:51	24.5	6.699999999999993	-1.0
2020-12-09 11:52	24.5	6.699999999999993	-1.016666666666668
2020-12-09 11:53	24.5	6.699999999999993	-1.100000000000008
2020-12-09 11:54	24.5	6.699999999999993	-1.100000000000008
2020-12-09 11:55	24.5	6.699999999999993	-1.100000000000008
2020-12-09 11:56	24.5	6.699999999999993	-1.100000000000008
2020-12-09 11:57	24.5	6.699999999999993	-1.100000000000008
2020-12-09 11:58	24.5	6.699999999999993	-1.100000000000008



timestamp	GP-62	GP-63	GT-63
2020-12-09 12:48	24.700000000000028	6.699999999999993	-1.1550000000000005
2020-12-09 12:49	24.700000000000028	6.699999999999993	-1.2000000000000015
2020-12-09 12:50	24.700000000000028	6.699999999999993	-1.1633333333333336
2020-12-09 12:51	24.700000000000028	6.699999999999993	-1.1000000000000008
2020-12-09 12:52	24.700000000000028	6.699999999999993	-1.1000000000000008
2020-12-09 12:53	24.700000000000028	6.699999999999993	-1.1000000000000008
2020-12-09 12:54	24.700000000000028	6.699999999999993	-1.1000000000000008
2020-12-09 12:55	24.700000000000028	6.699999999999993	-1.1000000000000008
2020-12-09 12:56	24.700000000000028	6.699999999999993	-1.1000000000000008
2020-12-09 12:57	24.779999999999973	6.699999999999993	-1.0133333333333332
2020-12-09 12:58	24.799999999999972	6.699999999999993	-1.0
2020-12-09 12:59	24.811666666666657	6.699999999999993	-1.0
2020-12-09 13:00	24.900000000000002	6.699999999999993	-1.0
2020-12-09 13:01	24.938333333333325	6.786666666666674	-0.9133333333333323
2020-12-09 13:02	25.0	6.800000000000007	-0.8133333333333327
2020-12-09 13:03	25.088333333333313	6.800000000000007	-0.7999999999999993
2020-12-09 13:04	25.099999999999998	6.800000000000007	-0.7999999999999993
2020-12-09 13:05	25.099999999999998	6.800000000000007	-0.7999999999999993
2020-12-09 13:06	25.195000000000003	6.800000000000007	-0.7999999999999993
2020-12-09 13:07	25.200000000000028	6.800000000000007	-0.7999999999999993
2020-12-09 13:08	25.200000000000028	6.800000000000007	-0.7999999999999993
2020-12-09 13:09	25.176666666666662	6.800000000000007	-0.7999999999999993
2020-12-09 13:10	25.099999999999998	6.800000000000007	-0.7999999999999993

timestamp	GT-64	EV%	EV_step	CP10	CP20
2020-12-09 11:10	41.72833333333337	99.90666666666668	47.95333333333334	600.0	1000.0
2020-12-09 11:11	41.96333333333333	99.92333333333333	47.96166666666666	600.0	1000.0
2020-12-09 11:12	42.09999999999995	99.94333333333333	47.97166666666664	600.0	1000.0
2020-12-09 11:13	42.17499999999999	99.95333333333335	47.97666666666674	600.0	1000.0
2020-12-09 11:14	42.21666666666672	99.95	47.975	600.0	1000.0
2020-12-09 11:15	42.30000000000004	99.97333333333334	47.98666666666667	600.0	1000.0
2020-12-09 11:16	42.30000000000004	99.97000000000001	47.98500000000001	600.0	1000.0
2020-12-09 11:17	42.30000000000004	99.94	47.97	600.0	1000.0
2020-12-09 11:18	42.365000000000045	99.94666666666666	47.97333333333333	600.0	1000.0
2020-12-09 11:19	42.43000000000002	99.94666666666666	47.97333333333333	600.0	1000.0
2020-12-09 11:20	42.5	99.94666666666667	47.97333333333336	600.0	1000.0
2020-12-09 11:21	42.5	99.95333333333335	47.97666666666674	600.0	1000.0
2020-12-09 11:22	42.5	99.95666666666666	47.97833333333333	600.0	1000.0
2020-12-09 11:23	42.5	99.94666666666667	47.97333333333336	600.0	1000.0
2020-12-09 11:24	42.5	99.95666666666669	47.97833333333346	600.0	1000.0
2020-12-09 11:25	42.5	99.97666666666667	47.98833333333334	600.0	1000.0
2020-12-09 11:26	42.5	99.96333333333335	47.98166666666676	600.0	1000.0
2020-12-09 11:27	42.5	99.96666666666667	47.98333333333334	600.0	1000.0
2020-12-09 11:28	42.5	99.98333333333333	47.99166666666667	600.0	1000.0
2020-12-09 11:29	42.5	99.91666666666667	47.95833333333336	600.0	1000.0
2020-12-09 11:30	42.5	99.95666666666669	47.97833333333346	600.0	1000.0
2020-12-09 11:31	42.5	99.91333333333333	47.95666666666666	600.0	1000.0
2020-12-09 11:32	42.5	99.97666666666667	47.98833333333334	600.0	1000.0
2020-12-09 11:33	42.5	99.96333333333334	47.98166666666667	600.0	1000.0
2020-12-09 11:34	42.5	99.90333333333336	47.95166666666668	600.0	1000.0
2020-12-09 11:35	42.456666666666706	99.98333333333333	47.99166666666667	600.0	1000.0
2020-12-09 11:36	42.40000000000005	99.97000000000001	47.98500000000001	600.0	1000.0
2020-12-09 11:37	42.40000000000005	99.96333333333334	47.98166666666667	600.0	1000.0
2020-12-09 11:38	42.40000000000005	99.97	47.985	600.0	1000.0
2020-12-09 11:39	42.40000000000005	100.0	48.0	600.0	1000.0
2020-12-09 11:40	42.40000000000005	99.96333333333334	47.98166666666667	600.0	1000.0
2020-12-09 11:41	42.40000000000005	99.96666666666667	47.98333333333334	600.0	1000.0
2020-12-09 11:42	42.40000000000005	99.97333333333333	47.98666666666665	600.0	1000.0
2020-12-09 11:43	42.40000000000005	99.95666666666666	47.97833333333333	600.0	1000.0
2020-12-09 11:44	42.40000000000005	99.98333333333333	47.99166666666667	600.0	1000.0
2020-12-09 11:45	42.40000000000005	100.0	48.0	600.0	1000.0
2020-12-09 11:46	42.40000000000005	99.96000000000001	47.98000000000004	600.0	1000.0
2020-12-09 11:47	42.40000000000005	99.97	47.98500000000001	600.0	1000.0
2020-12-09 11:48	42.40000000000005	100.0	48.0	600.0	1000.0
2020-12-09 11:49	42.40000000000005	99.96666666666667	47.98333333333334	600.0	1000.0
2020-12-09 11:50	42.31500000000001	100.0	48.0	600.0	1000.0
2020-12-09 11:51	42.30000000000004	99.96666666666667	47.98333333333334	600.0	1000.0
2020-12-09 11:52	42.30000000000004	99.99000000000001	47.99500000000005	600.0	1000.0
2020-12-09 11:53	42.30000000000004	99.96333333333334	47.98166666666667	600.0	1000.0
2020-12-09 11:54	42.30000000000004	100.0	48.0	600.0	1000.0
2020-12-09 11:55	42.30000000000004	100.0	48.0	600.0	1000.0
2020-12-09 11:56	42.30000000000004	100.0	48.0	600.0	1000.0
2020-12-09 11:57	42.30000000000004	100.0	48.0	600.0	1000.0
2020-12-09 11:58	42.30000000000004	100.0	48.0	600.0	1000.0

timestamp	GT-64	EV%	EV_step	CP10	CP20
2020-12-09 11:59	42.300000000000004	100.0	48.0	600.0	1000.0
2020-12-09 12:00	42.300000000000004	100.0	48.0	600.0	1000.0
2020-12-09 12:01	42.300000000000004	100.0	48.0	600.0	1000.0
2020-12-09 12:02	42.300000000000004	100.0	48.0	600.0	1000.0
2020-12-09 12:03	42.300000000000004	100.0	48.0	600.0	1000.0
2020-12-09 12:04	42.300000000000004	100.0	48.0	600.0	1000.0
2020-12-09 12:05	42.368333333333375	100.0	48.0	600.0	1000.0
2020-12-09 12:06	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:07	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:08	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:09	42.400000000000005	99.97333333333334	47.98666666666665	600.0	1000.0
2020-12-09 12:10	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:11	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:12	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:13	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:14	42.463333333333333	100.0	48.0	600.0	1000.0
2020-12-09 12:15	42.403333333333338	100.0	48.0	600.0	1000.0
2020-12-09 12:16	42.400000000000005	99.97	47.985	600.0	1000.0
2020-12-09 12:17	42.410000000000004	99.99333333333334	47.99666666666667	600.0	1000.0
2020-12-09 12:18	42.458333333333337	100.0	48.0	600.0	1000.0
2020-12-09 12:19	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:20	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:21	42.428333333333336	100.0	48.0	600.0	1000.0
2020-12-09 12:22	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:23	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:24	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:25	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:26	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:27	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:28	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:29	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:30	42.425000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:31	42.400000000000005	99.96000000000001	47.980000000000004	600.0	1000.0
2020-12-09 12:32	42.400000000000005	99.96000000000004	47.980000000000002	600.0	1000.0
2020-12-09 12:33	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:34	42.400000000000005	99.94666666666667	47.973333333333336	600.0	1000.0
2020-12-09 12:35	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:36	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:37	42.485000000000014	100.0	48.0	600.0	1000.0
2020-12-09 12:38	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:39	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:40	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:41	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:42	42.455000000000005	99.95333333333335	47.976666666666674	600.0	1000.0
2020-12-09 12:43	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:44	42.5	99.80333333333334	47.90166666666667	600.0	1000.0
2020-12-09 12:45	42.473333333333336	100.0	48.0	600.0	1000.0
2020-12-09 12:46	42.400000000000005	100.0	48.0	600.0	1000.0
2020-12-09 12:47	42.464999999999996	100.0	48.0	600.0	1000.0

timestamp	GT-64	EV%	EV_step	CP10	CP20
2020-12-09 12:48	42.5	99.74333333333333	47.87166666666665	600.0	1000.0
2020-12-09 12:49	42.5	99.87333333333332	47.93666666666666	600.0	1000.0
2020-12-09 12:50	42.5	99.96	47.98	600.0	1000.0
2020-12-09 12:51	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:52	42.5	99.97000000000003	47.98500000000014	600.0	1000.0
2020-12-09 12:53	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:54	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:55	42.5	100.0	48.0	600.0	1000.0
2020-12-09 12:56	42.5	99.97000000000003	47.98500000000014	600.0	1000.0
2020-12-09 12:57	42.57999999999995	99.98	47.99	600.0	1000.0
2020-12-09 12:58	42.65333333333315	100.0	48.0	600.0	1000.0
2020-12-09 12:59	42.71166666666694	99.98000000000002	47.99000000000001	600.0	1000.0
2020-12-09 13:00	42.80000000000002	99.98333333333333	47.99166666666667	600.0	1000.0
2020-12-09 13:01	42.93833333333354	99.97	47.985	600.0	1000.0
2020-12-09 13:02	43.08166666666614	99.93666666666667	47.96833333333335	600.0	1000.0
2020-12-09 13:03	43.18833333333332	99.99	47.995	600.0	1000.0
2020-12-09 13:04	43.19999999999998	100.0	48.0	600.0	1000.0
2020-12-09 13:05	43.19999999999998	99.98333333333333	47.99166666666667	600.0	1000.0
2020-12-09 13:06	43.29500000000001	100.0	48.0	600.0	1000.0
2020-12-09 13:07	43.30000000000002	100.0	48.0	600.0	1000.0
2020-12-09 13:08	43.30000000000002	100.0	48.0	600.0	1000.0
2020-12-09 13:09	43.27666666666661	100.0	48.0	600.0	1000.0
2020-12-09 13:10	43.19999999999998	100.0	48.0	600.0	1000.0

timestamp	GT-21c	GT-11c	T_Evap_c	T_Cond_c	Iisentropic efficiency
2020-12-09 11:10	10.3	39.4	-0.6	40.9	60.4
2020-12-09 11:11	9.9	39.6	-0.5	41.1	58.8
2020-12-09 11:12	9.6	39.9	-0.3	41.0	57.4
2020-12-09 11:13	9.3	40.0	-0.3	40.9	56.2
2020-12-09 11:14	9.0	40.2	-0.2	40.9	55.7
2020-12-09 11:15	8.8	40.2	-0.1	41.0	55.4
2020-12-09 11:16	8.5	40.3	-0.1	40.9	54.8
2020-12-09 11:17	8.2	40.4	-0.1	40.9	54.6
2020-12-09 11:18	8.0	40.4	-0.1	40.9	54.3
2020-12-09 11:19	7.8	40.5	0.0	40.8	54.0
2020-12-09 11:20	7.5	40.6	0.0	40.8	53.6
2020-12-09 11:21	7.3	40.6	0.0	40.8	53.5
2020-12-09 11:22	7.1	40.7	0.0	40.8	53.4
2020-12-09 11:23	6.9	40.7	0.0	40.7	53.1
2020-12-09 11:24	6.7	40.7	0.1	40.6	52.8
2020-12-09 11:25	6.5	40.8	0.0	40.6	52.7
2020-12-09 11:26	6.4	40.8	0.1	40.6	52.7
2020-12-09 11:27	6.2	40.8	0.1	40.6	52.6
2020-12-09 11:28	6.0	40.8	0.0	40.5	52.3
2020-12-09 11:29	5.9	40.8	0.0	40.6	52.6
2020-12-09 11:30	5.7	40.8	0.1	40.5	52.2
2020-12-09 11:31	5.6	40.8	0.0	40.4	52.1
2020-12-09 11:32	5.4	40.9	0.0	40.4	52.1
2020-12-09 11:33	5.3	40.9	0.0	40.3	52.0
2020-12-09 11:34	5.1	40.9	0.0	40.3	51.8
2020-12-09 11:35	5.0	40.9	0.0	40.3	51.7
2020-12-09 11:36	4.9	40.9	0.0	40.3	51.9
2020-12-09 11:37	4.7	40.9	0.0	40.2	51.8
2020-12-09 11:38	4.6	40.9	0.0	40.2	51.7
2020-12-09 11:39	4.5	40.9	0.0	40.3	51.9
2020-12-09 11:40	4.4	40.9	0.0	40.1	51.6
2020-12-09 11:41	4.3	40.9	0.0	40.1	51.5
2020-12-09 11:42	4.3	40.9	-0.1	40.1	51.4
2020-12-09 11:43	4.2	40.9	-0.1	40.1	51.4
2020-12-09 11:44	4.1	41.0	0.0	40.1	51.4
2020-12-09 11:45	4.0	41.0	-0.1	40.0	51.4
2020-12-09 11:46	3.9	41.0	-0.1	40.0	51.4
2020-12-09 11:47	3.9	40.9	-0.1	40.1	51.5
2020-12-09 11:48	3.8	41.0	-0.1	39.9	51.1
2020-12-09 11:49	3.8	40.9	-0.1	40.0	51.2
2020-12-09 11:50	3.7	40.9	-0.1	40.0	51.3
2020-12-09 11:51	3.6	40.9	-0.1	40.0	51.3
2020-12-09 11:52	3.6	40.9	-0.1	39.9	51.1
2020-12-09 11:53	3.6	40.9	-0.1	39.9	51.2
2020-12-09 11:54	3.5	40.9	-0.1	39.9	51.0
2020-12-09 11:55	3.5	40.9	-0.1	39.8	51.1
2020-12-09 11:56	3.5	41.0	-0.1	39.9	51.2
2020-12-09 11:57	3.4	41.0	-0.1	39.9	51.0
2020-12-09 11:58	3.4	41.0	-0.1	39.8	51.0

timestamp	GT-21c	GT-11c	T_Evap_c	T_Cond_c	Isentropic efficiency
2020-12-09 11:59	3.4	41.0	-0.1	39.8	51.0
2020-12-09 12:00	3.4	41.0	-0.1	39.8	51.0
2020-12-09 12:01	3.3	41.0	-0.1	39.9	51.1
2020-12-09 12:02	3.3	41.0	-0.1	39.9	51.0
2020-12-09 12:03	3.3	41.0	-0.1	39.8	51.0
2020-12-09 12:04	3.3	41.0	-0.1	39.8	51.0
2020-12-09 12:05	3.3	41.0	-0.1	39.9	51.1
2020-12-09 12:06	3.3	41.0	0.0	40.0	51.1
2020-12-09 12:07	3.3	41.0	0.0	39.9	51.0
2020-12-09 12:08	3.3	41.0	0.0	39.9	50.8
2020-12-09 12:09	3.3	41.0	0.0	39.9	50.8
2020-12-09 12:10	3.3	41.1	0.0	39.8	50.8
2020-12-09 12:11	3.3	41.1	-0.1	39.8	50.8
2020-12-09 12:12	3.3	41.1	-0.1	39.9	50.9
2020-12-09 12:13	3.3	41.1	0.0	39.8	50.9
2020-12-09 12:14	3.3	41.1	0.0	39.8	50.8
2020-12-09 12:15	3.3	41.1	0.0	39.8	50.7
2020-12-09 12:16	3.3	41.1	-0.1	39.8	50.7
2020-12-09 12:17	3.2	41.1	0.0	39.9	51.0
2020-12-09 12:18	3.2	41.1	0.0	39.9	50.7
2020-12-09 12:19	3.2	41.1	0.0	39.7	50.6
2020-12-09 12:20	3.2	41.1	-0.1	39.9	50.8
2020-12-09 12:21	3.2	41.1	0.0	39.9	50.9
2020-12-09 12:22	3.2	41.1	0.0	39.9	50.8
2020-12-09 12:23	3.2	41.1	0.0	39.9	50.7
2020-12-09 12:24	3.2	41.1	0.0	39.9	50.7
2020-12-09 12:25	3.2	41.1	0.0	39.9	50.7
2020-12-09 12:26	3.1	41.1	0.0	39.9	50.8
2020-12-09 12:27	3.2	41.1	0.0	39.8	50.7
2020-12-09 12:28	3.1	41.1	0.0	39.8	50.7
2020-12-09 12:29	3.1	41.1	0.0	39.9	50.7
2020-12-09 12:30	3.1	41.1	0.0	39.8	50.6
2020-12-09 12:31	3.1	41.1	0.0	39.9	50.8
2020-12-09 12:32	3.0	41.1	0.0	39.8	50.6
2020-12-09 12:33	3.0	41.1	0.0	39.7	50.4
2020-12-09 12:34	3.0	41.1	0.0	39.8	50.6
2020-12-09 12:35	3.0	41.1	0.0	39.7	50.6
2020-12-09 12:36	3.0	41.1	0.0	39.8	50.6
2020-12-09 12:37	2.9	41.1	0.0	39.9	50.7
2020-12-09 12:38	3.0	41.0	0.0	39.7	50.4
2020-12-09 12:39	3.0	41.0	-0.1	39.7	50.5
2020-12-09 12:40	3.0	41.1	0.0	39.8	50.6
2020-12-09 12:41	3.0	41.1	0.0	39.8	50.6
2020-12-09 12:42	3.0	41.1	0.0	39.9	50.7
2020-12-09 12:43	3.0	41.1	0.0	39.8	50.7
2020-12-09 12:44	3.0	41.1	0.0	39.7	50.5
2020-12-09 12:45	3.0	41.0	0.0	39.8	50.5
2020-12-09 12:46	3.1	41.0	-0.1	39.7	50.4
2020-12-09 12:47	3.1	41.1	0.0	39.8	50.8



timestamp	GT-21c	GT-11c	T_Evap_c	T_Cond_c	Isentropic efficiency
2020-12-09 12:48	3.1	41.1	0.0	39.9	50.8
2020-12-09 12:49	3.1	41.1	0.0	39.7	50.3
2020-12-09 12:50	3.2	41.1	0.0	39.7	50.2
2020-12-09 12:51	3.2	41.1	0.0	39.9	50.7
2020-12-09 12:52	3.2	41.2	0.0	39.8	50.7
2020-12-09 12:53	3.2	41.2	0.1	39.9	50.6
2020-12-09 12:54	3.2	41.2	0.0	39.9	50.6
2020-12-09 12:55	3.2	41.2	0.0	39.9	50.8
2020-12-09 12:56	3.3	41.2	0.1	39.9	50.7
2020-12-09 12:57	3.3	41.3	0.1	40.0	50.6
2020-12-09 12:58	3.3	41.3	0.2	40.1	50.7
2020-12-09 12:59	3.3	41.4	0.2	40.1	50.6
2020-12-09 13:00	3.4	41.4	0.3	40.1	50.3
2020-12-09 13:01	3.4	41.5	0.3	40.1	50.2
2020-12-09 13:02	3.5	41.7	0.4	40.2	50.0
2020-12-09 13:03	3.5	41.8	0.5	40.3	49.9
2020-12-09 13:04	3.5	41.9	0.6	40.3	49.9
2020-12-09 13:05	3.6	41.9	0.5	40.3	49.8
2020-12-09 13:06	3.6	41.9	0.5	40.3	49.9
2020-12-09 13:07	3.6	41.9	0.5	40.3	49.9
2020-12-09 13:08	3.6	41.9	0.6	40.4	49.8
2020-12-09 13:09	3.6	41.9	0.6	40.4	49.8
2020-12-09 13:10	3.6	41.9	0.6	40.2	49.5

timestamp	Compressor Power	Heat output	COP heat	Cold output
2020-12-09 11:10	2021-06-04	16.1	4.42	20.4
2020-12-09 11:11	2021-07-04	15.9	4.34	20.2
2020-12-09 11:12	2021-07-04	15.7	4.28	20.0
2020-12-09 11:13	2021-07-04	15.3	4.22	19.7
2020-12-09 11:14	2021-07-04	15.4	4.19	19.8
2020-12-09 11:15	2021-07-04	15.2	4.17	19.5
2020-12-09 11:16	2021-07-04	15.2	4.15	19.6
2020-12-09 11:17	2021-07-04	15.0	4.13	19.3
2020-12-09 11:18	2021-07-04	15.0	4.12	19.4
2020-12-09 11:19	2021-07-04	15.0	4.11	19.4
2020-12-09 11:20	2021-07-04	14.9	4.09	19.3
2020-12-09 11:21	2021-08-04	15.0	4.09	19.5
2020-12-09 11:22	2021-07-04	14.9	4.08	19.3
2020-12-09 11:23	2021-07-04	14.9	4.07	19.3
2020-12-09 11:24	2021-08-04	14.9	4.06	19.4
2020-12-09 11:25	2021-08-04	14.9	4.05	19.3
2020-12-09 11:26	2021-08-04	14.9	4.05	19.3
2020-12-09 11:27	2021-07-04	14.7	4.05	19.1
2020-12-09 11:28	2021-08-04	14.8	4.04	19.2
2020-12-09 11:29	2021-07-04	14.7	4.05	19.1
2020-12-09 11:30	2021-08-04	14.8	4.03	19.2
2020-12-09 11:31	2021-07-04	14.6	4.03	19.0
2020-12-09 11:32	2021-07-04	14.7	4.03	19.1
2020-12-09 11:33	2021-07-04	14.6	4.02	19.0
2020-12-09 11:34	2021-08-04	14.7	4.01	19.2
2020-12-09 11:35	2021-07-04	14.6	4.01	19.0
2020-12-09 11:36	2021-08-04	14.8	4.02	19.2
2020-12-09 11:37	2021-08-04	14.7	4.02	19.1
2020-12-09 11:38	2021-08-04	14.7	4.01	19.1
2020-12-09 11:39	2021-07-04	14.6	4.02	19.1
2020-12-09 11:40	2021-08-04	14.7	4.01	19.1
2020-12-09 11:41	2021-08-04	14.6	4.01	19.1
2020-12-09 11:42	2021-07-04	14.6	4.0	19.0
2020-12-09 11:43	2021-08-04	14.7	4.0	19.1
2020-12-09 11:44	2021-07-04	14.5	4.0	18.9
2020-12-09 11:45	2021-07-04	14.5	4.01	18.9
2020-12-09 11:46	2021-08-04	14.6	4.01	19.0
2020-12-09 11:47	2021-07-04	14.6	4.01	19.0
2020-12-09 11:48	2021-08-04	14.5	3.99	19.0
2020-12-09 11:49	2021-07-04	14.5	4.0	19.0
2020-12-09 11:50	2021-07-04	14.5	4.0	18.9
2020-12-09 11:51	2021-07-04	14.5	4.0	18.9
2020-12-09 11:52	2021-07-04	14.5	4.0	18.9
2020-12-09 11:53	2021-07-04	14.5	4.0	18.9
2020-12-09 11:54	2021-07-04	14.5	3.99	18.8
2020-12-09 11:55	2021-07-04	14.5	4.0	18.9
2020-12-09 11:56	2021-08-04	14.6	4.0	19.0
2020-12-09 11:57	2021-07-04	14.5	4.0	18.9
2020-12-09 11:58	2021-08-04	14.6	3.99	19.0

timestamp	Compressor Power	Heat output	COP heat	Cold output
2020-12-09 11:59	2021-08-04	14.6	3.99	19.0
2020-12-09 12:00	2021-07-04	14.5	4.0	18.9
2020-12-09 12:01	2021-07-04	14.5	4.0	18.9
2020-12-09 12:02	2021-08-04	14.6	4.0	19.1
2020-12-09 12:03	2021-07-04	14.5	4.0	18.9
2020-12-09 12:04	2021-08-04	14.6	4.0	19.1
2020-12-09 12:05	2021-07-04	14.5	4.0	18.9
2020-12-09 12:06	2021-08-04	14.6	4.0	19.0
2020-12-09 12:07	2021-08-04	14.7	4.0	19.1
2020-12-09 12:08	2021-08-04	14.6	3.99	19.1
2020-12-09 12:09	2021-07-04	14.5	3.99	18.9
2020-12-09 12:10	2021-08-04	14.6	3.99	19.1
2020-12-09 12:11	2021-08-04	14.5	3.99	18.9
2020-12-09 12:12	2021-07-04	14.5	3.99	18.9
2020-12-09 12:13	2021-08-04	14.6	3.99	19.0
2020-12-09 12:14	2021-08-04	14.5	3.98	18.9
2020-12-09 12:15	2021-08-04	14.5	3.98	18.9
2020-12-09 12:16	2021-07-04	14.4	3.98	18.9
2020-12-09 12:17	2021-08-04	14.6	3.99	19.0
2020-12-09 12:18	2021-08-04	14.7	3.99	19.1
2020-12-09 12:19	2021-08-04	14.6	3.98	19.0
2020-12-09 12:20	2021-08-04	14.5	3.99	19.0
2020-12-09 12:21	2021-08-04	14.5	3.99	19.0
2020-12-09 12:22	2021-08-04	14.6	3.99	19.1
2020-12-09 12:23	2021-08-04	14.5	3.99	19.0
2020-12-09 12:24	2021-08-04	14.5	3.98	18.9
2020-12-09 12:25	2021-08-04	14.6	3.98	19.0
2020-12-09 12:26	2021-08-04	14.5	3.99	18.9
2020-12-09 12:27	2021-08-04	14.5	3.98	19.0
2020-12-09 12:28	2021-07-04	14.5	3.98	18.9
2020-12-09 12:29	2021-08-04	14.6	3.98	19.1
2020-12-09 12:30	2021-08-04	14.6	3.98	19.1
2020-12-09 12:31	2021-08-04	14.5	3.98	19.0
2020-12-09 12:32	2021-08-04	14.5	3.98	18.9
2020-12-09 12:33	2021-07-04	14.4	3.97	18.8
2020-12-09 12:34	2021-08-04	14.6	3.98	19.1
2020-12-09 12:35	2021-08-04	14.5	3.98	18.9
2020-12-09 12:36	2021-08-04	14.5	3.98	19.0
2020-12-09 12:37	2021-08-04	14.5	3.99	19.0
2020-12-09 12:38	2021-07-04	14.4	3.97	18.8
2020-12-09 12:39	2021-08-04	14.5	3.98	19.0
2020-12-09 12:40	2021-08-04	14.5	3.98	18.9
2020-12-09 12:41	2021-07-04	14.5	3.98	18.9
2020-12-09 12:42	2021-07-04	14.5	3.98	18.9
2020-12-09 12:43	2021-08-04	14.6	3.98	19.0
2020-12-09 12:44	2021-08-04	14.5	3.98	18.9
2020-12-09 12:45	2021-08-04	14.5	3.98	18.9
2020-12-09 12:46	2021-07-04	14.4	3.97	18.8
2020-12-09 12:47	2021-08-04	14.5	3.99	18.9

timestamp	Compressor Power	Heat output	COP heat	Cold output
2020-12-09 12:48	2021-08-04	14.5	3.99	18.9
2020-12-09 12:49	2021-08-04	14.5	3.97	18.9
2020-12-09 12:50	2021-08-04	14.4	3.96	18.8
2020-12-09 12:51	2021-07-04	14.5	3.98	18.9
2020-12-09 12:52	2021-08-04	14.5	3.99	18.9
2020-12-09 12:53	2021-08-04	14.5	3.98	18.9
2020-12-09 12:54	2021-08-04	14.5	3.98	19.0
2020-12-09 12:55	2021-07-04	14.5	3.98	18.9
2020-12-09 12:56	2021-08-04	14.6	3.98	19.1
2020-12-09 12:57	2021-08-04	14.5	3.97	18.9
2020-12-09 12:58	2021-08-04	14.6	3.98	19.0
2020-12-09 12:59	2021-08-04	14.6	3.98	19.0
2020-12-09 13:00	2021-08-04	14.6	3.96	19.1
2020-12-09 13:01	2021-08-04	14.6	3.96	19.1
2020-12-09 13:02	2021-08-04	14.5	3.95	19.0
2020-12-09 13:03	2021-08-04	14.5	3.94	19.0
2020-12-09 13:04	2021-08-04	14.5	3.94	19.0
2020-12-09 13:05	2021-09-04	14.6	3.93	19.1
2020-12-09 13:06	2021-08-04	14.4	3.94	18.9
2020-12-09 13:07	2021-08-04	14.5	3.93	19.0
2020-12-09 13:08	2021-09-04	14.7	3.93	19.2
2020-12-09 13:09	2021-08-04	14.5	3.93	19.0
2020-12-09 13:10	2021-09-04	14.6	3.92	19.1

timestamp	GdP-50	GdP-40	GdP-30	GdP-31	GF-50	GF-40	GRh-50	GRh-40
2020-12-10 11:25	59.92	136.88	0.0	0.01	490.0	143.8	91.51	46.41
2020-12-10 11:26	59.86	134.33	0.0	0.01	489.3	144.5	91.49	51.16
2020-12-10 11:27	60.26	140.12	0.0	0.01	481.7	144.0	90.05	52.34
2020-12-10 11:28	59.89	136.19	0.0	0.02	487.5	143.2	91.35	55.25
2020-12-10 11:29	58.86	133.04	0.0	0.02	491.7	143.8	91.76	61.02
2020-12-10 11:30	59.14	138.57	0.0	0.02	487.2	143.2	90.84	50.04
2020-12-10 11:31	59.81	140.07	0.0	0.01	489.0	143.5	91.45	49.24
2020-12-10 11:32	60.11	137.73	0.0	0.01	491.7	143.9	91.84	48.21
2020-12-10 11:33	59.55	135.69	0.0	0.01	489.7	144.2	91.8	57.34
2020-12-10 11:34	61.16	136.2	0.0	0.01	486.3	144.2	91.12	54.27
2020-12-10 11:35	60.42	136.84	0.0	0.02	486.9	143.9	91.66	73.25
2020-12-10 11:36	60.52	136.72	0.0	0.01	489.3	143.9	91.82	58.85
2020-12-10 11:37	61.38	134.88	0.0	0.02	490.7	143.9	91.95	51.46
2020-12-10 11:38	59.31	138.32	0.0	0.02	489.4	143.9	91.93	59.07
2020-12-10 11:39	60.23	137.43	0.0	0.01	486.6	143.9	91.93	59.44
2020-12-10 11:40	59.58	137.28	0.0	0.01	489.4	144.6	92.75	62.89
2020-12-10 11:41	60.26	134.9	0.0	0.02	489.4	144.3	92.39	58.35
2020-12-10 11:42	60.6	132.99	0.0	0.01	486.0	144.2	92.42	62.37
2020-12-10 11:43	61.5	133.21	0.0	0.01	488.4	144.0	92.26	60.57
2020-12-10 11:44	59.59	137.6	0.0	0.02	486.3	144.0	90.78	49.47
2020-12-10 11:45	59.19	140.64	0.0	0.02	491.8	143.9	91.93	52.91
2020-12-10 11:46	59.71	132.81	0.0	0.01	487.1	144.0	91.67	50.98
2020-12-10 11:47	60.5	138.72	0.0	0.01	486.4	143.6	92.07	53.09
2020-12-10 11:48	58.66	139.59	0.0	0.01	489.1	143.3	91.99	61.67
2020-12-10 11:49	61.71	137.3	0.0	0.01	487.4	143.6	91.89	59.96
2020-12-10 11:50	59.95	139.55	0.0	0.01	490.5	144.3	92.02	58.02
2020-12-10 11:51	60.5	132.17	0.0	0.02	489.5	144.3	92.14	65.61
2020-12-10 11:52	59.62	139.19	0.0	0.01	490.9	144.3	91.97	61.76
2020-12-10 11:53	59.71	141.26	0.0	0.01	489.5	144.0	92.71	50.39
2020-12-10 11:54	58.26	139.15	0.0	0.01	492.0	144.0	92.98	49.49
2020-12-10 11:55	59.72	136.21	0.0	0.01	491.2	144.0	93.02	55.74
2020-12-10 11:56	60.33	137.25	0.0	0.01	487.8	144.0	91.87	60.51
2020-12-10 11:57	59.39	137.66	0.0	0.01	491.6	143.7	92.37	56.4
2020-12-10 11:58	59.45	134.84	0.0	0.01	490.6	144.0	92.41	54.81
2020-12-10 11:59	59.58	136.45	0.0	0.01	486.5	144.0	91.86	63.61
2020-12-10 12:00	59.49	135.53	0.0	0.01	489.6	144.7	92.18	65.2
2020-12-10 12:01	59.38	137.71	0.0	0.01	490.6	144.4	92.52	59.16
2020-12-10 12:02	58.98	135.91	0.0	0.01	487.0	143.7	92.9	59.86
2020-12-10 12:03	59.45	136.69	0.0	0.01	490.6	144.7	92.55	59.93
2020-12-10 12:04	60.07	137.92	0.0	0.01	491.0	145.1	92.81	59.1
2020-12-10 12:05	58.94	136.96	0.0	0.01	483.4	144.1	91.44	58.17
2020-12-10 12:06	59.51	137.75	0.0	0.01	488.9	144.1	92.28	56.81
2020-12-10 12:07	59.78	134.45	0.0	0.01	494.4	144.8	92.58	68.68
2020-12-10 12:08	59.67	133.82	0.0	0.01	498.5	144.4	92.11	50.82
2020-12-10 12:09	61.2	137.74	0.0	0.01	489.3	144.1	92.21	56.65
2020-12-10 12:10	60.29	134.92	0.0	0.01	489.3	144.4	91.76	52.28
2020-12-10 12:11	59.38	139.31	0.0	0.01	495.4	144.1	91.84	63.82
2020-12-10 12:12	59.35	135.38	0.0	0.01	488.6	144.8	91.66	52.86
2020-12-10 12:13	60.54	135.65	0.0	0.01	487.2	145.1	91.47	70.73

## DRALOD ORDP D6.2 Annex 1

timestamp	GdP-50	GdP-40	GdP-30	GdP-31	GF-50	GF-40	GRh-50	GRh-40
2020-12-10 12:14	60.86	137.25	0.0	0.01	488.3	145.1	91.73	60.82
2020-12-10 12:15	60.46	138.15	0.0	0.01	492.0	144.8	91.86	69.92
2020-12-10 12:16	60.19	137.21	0.0	0.01	490.4	144.1	92.58	67.45
2020-12-10 12:17	60.63	135.16	0.0	0.01	489.0	144.5	91.31	70.0
2020-12-10 12:18	59.83	136.04	0.0	0.01	491.4	144.1	91.38	54.2
2020-12-10 12:19	59.53	133.19	0.0	0.01	489.3	144.8	91.39	66.95
2020-12-10 12:20	58.28	135.4	0.0	0.01	494.5	144.1	91.06	61.96
2020-12-10 12:21	59.71	136.47	0.0	0.01	490.3	144.8	91.47	50.82
2020-12-10 12:22	60.46	133.43	0.0	0.01	490.7	144.5	91.92	58.73
2020-12-10 12:23	60.49	136.06	0.0	0.01	488.7	144.8	91.56	54.49
2020-12-10 12:24	59.25	134.61	0.0	0.01	488.7	143.8	91.7	56.8
2020-12-10 12:25	60.61	135.78	0.0	0.02	490.4	143.8	91.5	57.42
2020-12-10 12:26	60.13	138.46	0.0	0.01	487.3	144.1	91.83	55.34
2020-12-10 12:27	58.62	132.38	0.0	0.01	492.8	144.8	91.6	56.1
2020-12-10 12:28	60.85	138.25	0.0	0.01	485.3	144.5	90.9	58.16
2020-12-10 12:29	60.66	134.35	0.0	0.01	487.7	144.5	91.93	52.92
2020-12-10 12:30	60.25	135.27	0.0	0.01	483.5	144.2	92.13	47.18

timestamp	GRh-51	GF-30	GT-50	GT-40	GT-51	T_ambient	GT-21
2020-12-10 11:25	24.2	0.0	2.61	37.1	2021-08-26	23.7	1.0
2020-12-10 11:26	23.7	0.0	2.59	35.91	2021-08-26	23.8	1.1
2020-12-10 11:27	23.7	0.0	3.03	36.66	2021-07-26	23.8	1.2
2020-12-10 11:28	24.2	0.0	2.66	36.7	2021-07-26	23.8	1.3
2020-12-10 11:29	24.5	0.0	2.67	34.91	2021-06-26	23.9	1.3
2020-12-10 11:30	23.9	0.0	2.67	35.28	2021-07-26	23.9	1.3
2020-12-10 11:31	24.2	0.0	2.61	36.38	2021-06-26	23.9	1.4
2020-12-10 11:32	24.3	0.0	2.62	35.76	2021-06-26	24.0	1.4
2020-12-10 11:33	24.4	0.0	2.62	34.9	2021-07-26	24.2	1.4
2020-12-10 11:34	24.4	0.0	2.78	35.87	2021-07-26	24.2	1.5
2020-12-10 11:35	24.4	0.0	2.62	31.66	2021-06-26	24.2	1.5
2020-12-10 11:36	24.2	0.0	2.58	35.59	2021-07-26	24.2	1.5
2020-12-10 11:37	23.8	0.0	2.59	34.88	2021-07-26	24.3	1.5
2020-12-10 11:38	24.1	0.0	2.61	33.79	2021-07-26	24.2	1.5
2020-12-10 11:39	24.1	0.0	2.63	33.64	2021-07-26	24.2	1.5
2020-12-10 11:40	24.3	0.0	2.61	33.2	2021-07-26	24.2	1.5
2020-12-10 11:41	24.4	0.0	2.59	34.29	2021-07-26	24.3	1.6
2020-12-10 11:42	24.2	0.0	2.7	33.61	2021-07-26	24.3	1.5
2020-12-10 11:43	24.3	0.0	2.62	35.53	2021-07-26	24.3	1.5
2020-12-10 11:44	24.5	0.0	2.76	36.58	2021-07-26	24.3	1.5
2020-12-10 11:45	24.3	0.0	2.62	34.35	2021-07-26	24.3	1.5
2020-12-10 11:46	24.0	0.0	2.64	35.62	2021-07-26	24.3	1.5
2020-12-10 11:47	24.6	0.0	2.68	35.36	2021-06-26	24.3	1.5
2020-12-10 11:48	24.1	0.0	2.63	31.88	2021-06-26	24.3	1.5
2020-12-10 11:49	24.3	0.0	2.65	33.41	2021-06-26	24.2	1.6
2020-12-10 11:50	24.4	0.0	2.63	33.61	2021-06-26	24.2	1.6
2020-12-10 11:51	24.2	0.0	2.61	33.61	2021-06-26	24.2	1.5
2020-12-10 11:52	24.3	0.0	2.66	33.46	2021-06-26	24.2	1.5
2020-12-10 11:53	24.4	0.0	2.66	34.37	2021-06-26	24.3	1.5
2020-12-10 11:54	24.6	0.0	2.62	36.02	2021-06-26	24.2	1.5
2020-12-10 11:55	24.6	0.0	2.63	32.8	2021-05-26	24.2	1.5
2020-12-10 11:56	24.2	0.0	2.68	33.53	2021-05-26	24.2	1.5
2020-12-10 11:57	24.6	0.0	2.66	34.69	2021-05-26	24.1	1.5
2020-12-10 11:58	25.2	0.0	2.64	35.24	2021-04-26	24.2	1.5
2020-12-10 11:59	24.9	0.0	2.78	34.28	2021-05-26	24.2	1.4
2020-12-10 12:00	24.5	0.0	2.64	33.6	2021-05-26	24.2	1.4
2020-12-10 12:01	24.7	0.0	2.64	34.71	2021-05-26	24.2	1.4
2020-12-10 12:02	24.6	0.0	2.7	34.82	2021-05-26	24.2	1.5
2020-12-10 12:03	24.4	0.0	2.68	35.91	2021-05-26	24.2	1.4
2020-12-10 12:04	24.3	0.0	2.64	33.17	2021-05-26	24.3	1.5
2020-12-10 12:05	24.6	0.0	2.89	33.71	2021-05-26	24.2	1.4
2020-12-10 12:06	24.5	0.0	2.67	35.84	2021-05-26	24.2	1.5
2020-12-10 12:07	24.5	0.0	2.64	33.3	2021-05-26	24.2	1.5
2020-12-10 12:08	24.4	0.0	2.64	35.26	2021-04-26	24.2	1.5
2020-12-10 12:09	24.7	0.0	2.72	35.37	2021-05-26	24.2	1.5
2020-12-10 12:10	24.6	0.0	2.71	34.62	2021-05-26	24.2	1.5
2020-12-10 12:11	24.7	0.0	2.7	30.98	2021-04-26	24.2	1.5
2020-12-10 12:12	24.6	0.0	2.7	33.12	2021-04-26	24.1	1.5
2020-12-10 12:13	24.1	0.0	2.77	29.86	2021-05-26	24.1	1.5

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timestamp	GRh-51	GF-30	GT-50	GT-40	GT-51	T_ambient	GT-21
2020-12-10 12:14	24.1	0.0	2.74	31.92	2021-05-26	24.1	1.4
2020-12-10 12:15	24.5	0.0	2.71	30.84	2021-04-26	24.1	1.4
2020-12-10 12:16	24.4	0.0	2.75	31.75	2021-05-26	24.0	1.4
2020-12-10 12:17	24.4	0.0	2.77	32.0	2021-04-26	24.0	1.4
2020-12-10 12:18	24.9	0.0	2.74	34.65	2021-04-26	24.1	1.3
2020-12-10 12:19	24.4	0.0	2.73	32.49	2021-05-26	24.1	1.3
2020-12-10 12:20	24.7	0.0	2.72	33.06	2021-03-26	24.1	1.3
2020-12-10 12:21	24.5	0.0	2.74	34.39	2021-04-26	24.1	1.3
2020-12-10 12:22	24.5	0.0	2.78	32.57	2021-05-26	24.1	1.3
2020-12-10 12:23	24.3	0.0	2.76	33.89	2021-05-26	24.1	1.2
2020-12-10 12:24	24.1	0.0	2.84	34.17	2021-05-26	24.1	1.3
2020-12-10 12:25	24.4	0.0	2.8	34.26	2021-05-26	24.1	1.2
2020-12-10 12:26	24.5	0.0	2.78	35.18	2021-04-26	24.1	1.2
2020-12-10 12:27	24.6	0.0	2.74	35.55	2021-04-26	24.2	1.2
2020-12-10 12:28	24.5	0.0	2.91	35.49	2021-05-26	24.2	1.2
2020-12-10 12:29	24.3	0.0	2.78	34.54	2021-05-26	24.2	1.3
2020-12-10 12:30	24.8	0.0	2.81	36.2	2021-05-26	24.2	1.3



timestamp	GT-24	GT-22	GT-25	GT-11	GT-14	GT-12	GT-30
2020-12-10 11:25	3.3000000000000003	5.7	5.7	38.8	22.7	23.7	14.9
2020-12-10 11:26	3.3000000000000003	5.7	5.7	38.7	22.7	23.6	14.9
2020-12-10 11:27	3.4	5.8	5.8	38.3	22.7	23.5	15.0
2020-12-10 11:28	3.5	5.8	5.9	38.3	22.6	23.5	15.0
2020-12-10 11:29	3.5	5.9	5.9	38.4	22.6	23.4	15.0
2020-12-10 11:30	3.6	5.9	6.0	38.2	22.6	23.3	15.1
2020-12-10 11:31	3.6	6.0	6.0	38.1	22.4	23.2	15.1
2020-12-10 11:32	3.6	6.0	6.0	38.2	22.3	23.2	15.1
2020-12-10 11:33	3.7	6.1	6.1	38.1	22.4	23.1	15.1
2020-12-10 11:34	3.7	6.1	6.1	38.0	22.4	23.1	15.2
2020-12-10 11:35	3.7	6.1	6.1	38.1	22.4	23.0	15.1
2020-12-10 11:36	3.7	6.1	6.2	38.1	22.3	23.0	15.1
2020-12-10 11:37	3.75	6.1	6.2	37.9	22.3	23.0	15.1
2020-12-10 11:38	3.75	6.2	6.2	37.9	22.3	22.9	15.1
2020-12-10 11:39	3.75	6.2	6.2	38.0	22.2	22.9	15.1
2020-12-10 11:40	3.75	6.2	6.2	37.9	22.3	22.8	15.1
2020-12-10 11:41	3.75	6.2	6.2	37.8	22.2	22.8	15.0
2020-12-10 11:42	3.75	6.2	6.2	37.9	22.3	22.8	15.0
2020-12-10 11:43	3.75	6.2	6.2	37.8	22.2	22.8	15.0
2020-12-10 11:44	3.75	6.2	6.2	37.8	22.5	22.8	15.0
2020-12-10 11:45	3.75	6.2	6.2	37.8	22.2	22.8	15.1
2020-12-10 11:46	3.75	6.2	6.2	37.7	22.1	22.7	15.1
2020-12-10 11:47	3.75	6.2	6.2	37.7	22.2	22.7	15.2
2020-12-10 11:48	3.7	6.2	6.2	37.8	22.2	22.7	15.1
2020-12-10 11:49	3.75	6.2	6.2	37.7	22.2	22.7	15.1
2020-12-10 11:50	3.75	6.2	6.2	37.6	22.2	22.7	15.1
2020-12-10 11:51	3.75	6.2	6.2	37.8	22.1	22.7	15.0
2020-12-10 11:52	3.75	6.2	6.2	37.7	22.2	22.7	15.1
2020-12-10 11:53	3.7	6.2	6.2	37.7	22.1	22.7	15.0
2020-12-10 11:54	3.6500000000000004	6.2	6.2	37.6	22.1	22.6	15.0
2020-12-10 11:55	3.7	6.2	6.1	37.6	22.1	22.6	15.0
2020-12-10 11:56	3.7	6.1	6.1	37.6	22.2	22.6	15.0
2020-12-10 11:57	3.6500000000000004	6.1	6.1	37.7	22.1	22.6	15.1
2020-12-10 11:58	3.6500000000000004	6.1	6.1	37.6	22.1	22.6	14.8
2020-12-10 11:59	3.6500000000000004	6.1	6.1	37.6	22.2	22.6	15.0
2020-12-10 12:00	3.6500000000000004	6.1	6.1	37.7	22.1	22.6	14.9
2020-12-10 12:01	3.6500000000000004	6.1	6.1	37.6	22.1	22.6	15.0
2020-12-10 12:02	3.6500000000000004	6.1	6.1	37.6	22.1	22.6	15.0
2020-12-10 12:03	3.6500000000000004	6.1	6.1	37.5	22.1	22.6	15.1
2020-12-10 12:04	3.7	6.1	6.1	37.5	22.0	22.6	15.1
2020-12-10 12:05	3.6500000000000004	6.1	6.1	37.6	22.1	22.5	15.0
2020-12-10 12:06	3.6500000000000004	6.1	6.1	37.6	22.1	22.5	15.0
2020-12-10 12:07	3.7	6.1	6.1	37.5	22.1	22.5	15.0
2020-12-10 12:08	3.7	6.1	6.1	37.5	22.0	22.5	15.1
2020-12-10 12:09	3.6500000000000004	6.1	6.1	37.5	22.0	22.5	15.0
2020-12-10 12:10	3.7	6.1	6.1	37.5	22.1	22.5	15.0
2020-12-10 12:11	3.6500000000000004	6.1	6.1	37.5	22.0	22.5	15.1
2020-12-10 12:12	3.6500000000000004	6.1	6.1	37.6	22.1	22.5	15.0
2020-12-10 12:13	3.6500000000000004	6.1	6.1	37.5	22.1	22.5	14.9

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timestamp	GT-24	GT-22	GT-25	GT-11	GT-14	GT-12	GT-30
2020-12-10 12:14	3.6500000000000004	6.1	6.1	37.5	22.1	22.5	15.0
2020-12-10 12:15	3.5999999999999996	6.1	6.1	37.5	22.1	22.5	14.8
2020-12-10 12:16	3.55	6.0	6.1	37.5	22.1	22.5	14.7
2020-12-10 12:17	3.55	6.0	6.0	37.4	22.1	22.5	14.7
2020-12-10 12:18	3.5	6.0	6.0	37.5	22.1	22.5	14.7
2020-12-10 12:19	3.45	5.9	6.0	37.5	22.1	22.5	14.7
2020-12-10 12:20	3.45	5.9	5.9	37.4	22.1	22.5	14.8
2020-12-10 12:21	3.45	5.9	5.9	37.4	22.0	22.5	14.7
2020-12-10 12:22	3.45	5.9	5.9	37.5	22.0	22.5	14.8
2020-12-10 12:23	3.45	5.9	5.9	37.5	22.1	22.5	14.8
2020-12-10 12:24	3.45	5.9	5.9	37.4	22.2	22.5	14.7
2020-12-10 12:25	3.45	5.8	5.9	37.4	22.1	22.5	14.8
2020-12-10 12:26	3.45	5.9	5.9	37.4	22.1	22.5	14.8
2020-12-10 12:27	3.4	5.9	5.9	37.4	22.0	22.5	14.7
2020-12-10 12:28	3.4	5.9	5.9	37.5	22.0	22.5	14.8
2020-12-10 12:29	3.45	5.9	5.9	37.3	22.2	22.5	14.8
2020-12-10 12:30	3.45	5.9	5.9	37.4	22.1	22.5	14.8

timestamp	GT-31	GT-21b	GT-22b	GT-12b
2020-12-10 11:25	4.7	1.5	5.98	22.393333333333334
2020-12-10 11:26	4.7	1.588333333333332	6.0300000000000065	22.288333333333332
2020-12-10 11:27	4.8	1.663333333333335	6.100000000000005	22.200000000000024
2020-12-10 11:28	4.9	1.7000000000000017	6.151666666666659	22.123333333333324
2020-12-10 11:29	4.9	1.728333333333333	6.199999999999993	22.043333333333334
2020-12-10 11:30	5.0	1.799999999999998	6.214999999999997	22.0
2020-12-10 11:31	5.0	1.799999999999998	6.300000000000007	21.903333333333343
2020-12-10 11:32	5.0	1.8366666666666671	6.300000000000007	21.900000000000001
2020-12-10 11:33	5.0	1.900000000000002	6.300000000000007	21.803333333333331
2020-12-10 11:34	5.1	1.900000000000002	6.300000000000007	21.799999999999976
2020-12-10 11:35	5.1	1.900000000000002	6.300000000000007	21.761666666666674
2020-12-10 11:36	5.1	1.849999999999992	6.300000000000007	21.700000000000024
2020-12-10 11:37	5.1	1.799999999999998	6.300000000000007	21.700000000000024
2020-12-10 11:38	5.1	1.799999999999998	6.300000000000007	21.700000000000024
2020-12-10 11:39	5.1	1.799999999999998	6.300000000000007	21.700000000000024
2020-12-10 11:40	5.1	1.799999999999998	6.300000000000007	21.618333333333333
2020-12-10 11:41	5.1	1.799999999999998	6.300000000000007	21.599999999999999
2020-12-10 11:42	5.1	1.799999999999998	6.300000000000007	21.599999999999999
2020-12-10 11:43	5.1	1.799999999999998	6.300000000000007	21.599999999999999
2020-12-10 11:44	5.1	1.799999999999998	6.300000000000007	21.599999999999999
2020-12-10 11:45	5.1	1.799999999999998	6.300000000000007	21.599999999999999
2020-12-10 11:46	5.1	1.799999999999998	6.244999999999994	21.543333333333334
2020-12-10 11:47	5.2	1.7500000000000009	6.199999999999993	21.5
2020-12-10 11:48	5.1	1.7116666666666676	6.199999999999993	21.5
2020-12-10 11:49	5.1	1.7516666666666656	6.199999999999993	21.5
2020-12-10 11:50	5.1	1.799999999999998	6.199999999999993	21.5
2020-12-10 11:51	5.1	1.7699999999999991	6.235	21.5
2020-12-10 11:52	5.1	1.7600000000000005	6.300000000000007	21.5
2020-12-10 11:53	5.1	1.7050000000000014	6.300000000000007	21.5
2020-12-10 11:54	5.1	1.7983333333333316	6.300000000000007	21.5
2020-12-10 11:55	5.1	1.733333333333335	6.268333333333333	21.5
2020-12-10 11:56	5.1	1.7166666666666686	6.199999999999993	21.5
2020-12-10 11:57	5.0	1.7000000000000017	6.199999999999993	21.5
2020-12-10 11:58	5.0	1.6950000000000012	6.135000000000006	21.5
2020-12-10 11:59	5.0	1.5999999999999985	6.100000000000005	21.5
2020-12-10 12:00	5.0	1.5999999999999985	6.096666666666667	21.5
2020-12-10 12:01	5.0	1.5999999999999985	6.0	21.5
2020-12-10 12:02	5.0	1.5783333333333323	6.0	21.5
2020-12-10 12:03	5.1	1.5649999999999986	6.0	21.5
2020-12-10 12:04	5.1	1.5999999999999985	6.0	21.5
2020-12-10 12:05	5.1	1.5416666666666656	6.0	21.5
2020-12-10 12:06	5.0	1.5999999999999985	6.0	21.5
2020-12-10 12:07	5.1	1.5999999999999985	6.0	21.5
2020-12-10 12:08	5.1	1.5999999999999985	6.086666666666704	21.5
2020-12-10 12:09	5.1	1.6950000000000016	6.100000000000005	21.5
2020-12-10 12:10	5.1	1.7000000000000017	6.100000000000005	21.5
2020-12-10 12:11	5.1	1.7000000000000017	6.100000000000005	21.5
2020-12-10 12:12	5.1	1.7133333333333343	6.1383333333333265	21.5
2020-12-10 12:13	5.0	1.7616666666666665	6.199999999999993	21.5

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timestamp	GT-31	GT-21b	GT-22b	GT-12b
2020-12-10 12:14	5.0	1.7233333333333338	6.199999999999993	21.5
2020-12-10 12:15	5.0	1.799999999999998	6.241666666666667	21.5
2020-12-10 12:16	5.0	1.799999999999998	6.300000000000007	21.5
2020-12-10 12:17	4.9	1.799999999999998	6.300000000000007	21.5
2020-12-10 12:18	4.9	1.799999999999998	6.324999999999999	21.561666666666657
2020-12-10 12:19	4.9	1.865000000000002	6.399999999999994	21.599999999999999
2020-12-10 12:20	4.9	1.900000000000002	6.399999999999994	21.599999999999999
2020-12-10 12:21	4.9	1.900000000000002	6.399999999999994	21.553333333333338
2020-12-10 12:22	4.8	1.900000000000002	6.399999999999994	21.5
2020-12-10 12:23	4.8	1.885000000000007	6.399999999999994	21.5
2020-12-10 12:24	4.8	1.8383333333333316	6.399999999999994	21.5
2020-12-10 12:25	4.8	1.799999999999998	6.399999999999994	21.5
2020-12-10 12:26	4.8	1.8333333333333315	6.399999999999994	21.5
2020-12-10 12:27	4.8	1.799999999999998	6.399999999999994	21.5
2020-12-10 12:28	4.8	1.799999999999998	6.399999999999994	21.5
2020-12-10 12:29	4.9	1.799999999999998	6.399999999999994	21.5
2020-12-10 12:30	4.9	1.799999999999998	6.398333333333328	21.5

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timestamp	GT-11b	GT-62	GT-61
2020-12-10 11:25	37.52833333333331	78.60000000000001	6.346666666666672
2020-12-10 11:26	37.51500000000003	78.32000000000001	6.239999999999975
2020-12-10 11:27	37.25000000000001	78.46833333333333	6.773333333333332
2020-12-10 11:28	37.35833333333337	78.22499999999998	6.558333333333333
2020-12-10 11:29	37.27333333333331	78.12999999999991	6.846666666666666
2020-12-10 11:30	37.20000000000002	78.17	6.954999999999992
2020-12-10 11:31	37.22333333333336	78.01	6.779999999999993
2020-12-10 11:32	37.09999999999996	78.07833333333333	6.961666666666662
2020-12-10 11:33	37.09999999999996	77.94666666666666	6.746666666666671
2020-12-10 11:34	37.015	77.88833333333334	6.825000000000003
2020-12-10 11:35	37.0	77.75499999999992	6.809999999999998
2020-12-10 11:36	37.031666666666666	77.575	6.798333333333327
2020-12-10 11:37	37.0	77.59999999999998	6.843333333333337
2020-12-10 11:38	36.931666666666715	77.63333333333328	6.861666666666655
2020-12-10 11:39	36.98333333333334	77.50999999999996	6.689999999999995
2020-12-10 11:40	36.88833333333335	77.4966666666667	6.841666666666666
2020-12-10 11:41	36.88000000000004	77.48833333333333	6.741666666666659
2020-12-10 11:42	36.90000000000004	77.40000000000002	6.764999999999996
2020-12-10 11:43	36.87833333333336	77.30000000000001	6.751666666666661
2020-12-10 11:44	36.82999999999998	77.30666666666671	6.615000000000003
2020-12-10 11:45	36.79999999999998	77.35333333333344	6.700000000000007
2020-12-10 11:46	36.79999999999998	77.30000000000001	6.743333333333337
2020-12-10 11:47	36.85000000000003	77.15833333333333	6.694999999999994
2020-12-10 11:48	36.80166666666665	77.12833333333325	6.738333333333336
2020-12-10 11:49	36.74666666666666	77.28333333333337	6.729999999999996
2020-12-10 11:50	36.73833333333335	77.30166666666668	6.716666666666667
2020-12-10 11:51	36.796666666666624	77.07833333333329	6.5783333333333305
2020-12-10 11:52	36.734999999999985	77.25666666666666	6.658333333333331
2020-12-10 11:53	36.69666666666667	77.26166666666677	6.671666666666668
2020-12-10 11:54	36.69000000000002	77.23666666666667	6.611666666666655
2020-12-10 11:55	36.76166666666665	77.00166666666671	6.561666666666668
2020-12-10 11:56	36.66999999999999	77.19499999999994	6.691666666666655
2020-12-10 11:57	36.675	77.15999999999995	6.568333333333331
2020-12-10 11:58	36.65500000000001	77.14166666666664	6.598333333333332
2020-12-10 11:59	36.73333333333334	76.93833333333335	6.331666666666667
2020-12-10 12:00	36.639999999999986	77.09499999999998	6.496666666666667
2020-12-10 12:01	36.60666666666662	77.09666666666664	6.543333333333333
2020-12-10 12:02	36.65999999999998	77.03166666666667	6.325000000000003
2020-12-10 12:03	36.57166666666665	77.17333333333323	6.466666666666675
2020-12-10 12:04	36.60333333333329	77.15833333333329	6.368333333333339
2020-12-10 12:05	36.65999999999998	77.06166666666662	6.330000000000002
2020-12-10 12:06	36.534999999999975	77.27333333333344	6.561666666666668
2020-12-10 12:07	36.59999999999996	77.22999999999989	6.424999999999995
2020-12-10 12:08	36.59999999999996	77.20166666666658	6.445000000000003
2020-12-10 12:09	36.63666666666656	77.2199999999999	6.538333333333328
2020-12-10 12:10	36.70000000000002	77.1999999999999	6.563333333333339
2020-12-10 12:11	36.755	77.15666666666661	6.565
2020-12-10 12:12	36.72333333333335	77.29666666666668	6.66
2020-12-10 12:13	36.70000000000002	77.41333333333338	6.786666666666666

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timestamp	GT-11b	GT-62	GT-61
2020-12-10 12:14	36.811666666666675	77.20166666666666	6.561666666666668
2020-12-10 12:15	36.741666666666666	77.266666666666678	6.999999999999996
2020-12-10 12:16	36.793333333333315	77.23166666666657	6.868333333333328
2020-12-10 12:17	36.79999999999998	77.19999999999999	6.824999999999995
2020-12-10 12:18	36.830000000000005	77.19999999999999	6.743333333333334
2020-12-10 12:19	36.79499999999997	77.43166666666667	6.948333333333337
2020-12-10 12:20	36.823333333333345	77.38333333333337	6.900000000000004
2020-12-10 12:21	36.946666666666669	77.02666666666667	6.576666666666665
2020-12-10 12:22	36.79999999999996	77.11333333333329	6.866666666666667
2020-12-10 12:23	36.79833333333332	77.26500000000007	6.741666666666672
2020-12-10 12:24	36.79999999999998	77.30000000000001	6.848333333333333
2020-12-10 12:25	36.79999999999998	77.28500000000004	6.769999999999993
2020-12-10 12:26	36.860000000000035	77.135	6.738333333333332
2020-12-10 12:27	36.791666666666636	77.19333333333333	6.791666666666666
2020-12-10 12:28	36.735000000000002	77.28333333333336	6.826666666666667
2020-12-10 12:29	36.79999999999998	77.13833333333334	6.696666666666667
2020-12-10 12:30	36.79999999999998	77.09999999999998	6.711666666666668

timestamp	GP-62	GP-63	GT-63
2020-12-10 11:25	22.428333333333324	6.600000000000006	-1.440000000000001
2020-12-10 11:26	22.493333333333334	6.606666666666673	-1.501666666666665
2020-12-10 11:27	22.245000000000003	6.600000000000006	-1.543333333333334
2020-12-10 11:28	22.315000000000001	6.641666666666666	-1.358333333333332
2020-12-10 11:29	22.324999999999974	6.630000000000007	-1.370000000000008
2020-12-10 11:30	22.205000000000023	6.673333333333326	-1.321666666666652
2020-12-10 11:31	22.298333333333307	6.699999999999993	-1.288333333333318
2020-12-10 11:32	22.200000000000024	6.679999999999995	-1.319999999999999
2020-12-10 11:33	22.200000000000024	6.699999999999993	-1.299999999999985
2020-12-10 11:34	22.139999999999986	6.699999999999993	-1.299999999999985
2020-12-10 11:35	22.115000000000013	6.699999999999993	-1.263333333333333
2020-12-10 11:36	22.200000000000024	6.699999999999993	-1.248333333333337
2020-12-10 11:37	22.200000000000024	6.699999999999993	-1.281666666666652
2020-12-10 11:38	22.119999999999999	6.686666666666665	-1.298333333333333
2020-12-10 11:39	22.116666666666668	6.699999999999993	-1.261666666666656
2020-12-10 11:40	22.119999999999997	6.699999999999993	-1.299999999999985
2020-12-10 11:41	22.071666666666666	6.699999999999993	-1.281666666666663
2020-12-10 11:42	22.099999999999999	6.699999999999993	-1.276666666666664
2020-12-10 11:43	22.099999999999999	6.699999999999993	-1.268333333333324
2020-12-10 11:44	22.091666666666665	6.606666666666672	-1.390000000000006
2020-12-10 11:45	22.0	6.659999999999992	-1.339999999999983
2020-12-10 11:46	22.0	6.668333333333333	-1.331666666666657
2020-12-10 11:47	22.064999999999999	6.699999999999993	-1.279999999999998
2020-12-10 11:48	22.099999999999999	6.696666666666661	-1.303333333333321
2020-12-10 11:49	22.060000000000006	6.620000000000045	-1.390000000000006
2020-12-10 11:50	22.013333333333332	6.669999999999992	-1.309999999999992
2020-12-10 11:51	22.096666666666666	6.641666666666669	-1.358333333333336
2020-12-10 11:52	22.0	6.641666666666665	-1.371666666666657
2020-12-10 11:53	21.968333333333335	6.603333333333339	-1.436666666666667
2020-12-10 11:54	21.933333333333326	6.626666666666665	-1.369999999999999
2020-12-10 11:55	22.0	6.636666666666671	-1.356666666666667
2020-12-10 11:56	22.0	6.600000000000006	-1.400000000000008
2020-12-10 11:57	21.978333333333353	6.600000000000006	-1.451666666666664
2020-12-10 11:58	21.921666666666656	6.600000000000006	-1.426666666666674
2020-12-10 11:59	22.0	6.600000000000006	-1.458333333333321
2020-12-10 12:00	22.0	6.600000000000006	-1.513333333333319
2020-12-10 12:01	21.958333333333332	6.600000000000006	-1.496666666666684
2020-12-10 12:02	22.0	6.600000000000006	-1.549999999999985
2020-12-10 12:03	21.909999999999998	6.600000000000006	-1.599999999999985
2020-12-10 12:04	21.853333333333342	6.600000000000006	-1.546666666666669
2020-12-10 12:05	21.996666666666667	6.600000000000006	-1.554999999999986
2020-12-10 12:06	21.813333333333331	6.600000000000006	-1.599999999999985
2020-12-10 12:07	21.840000000000001	6.600000000000006	-1.548333333333331
2020-12-10 12:08	21.930000000000014	6.600000000000006	-1.569999999999999
2020-12-10 12:09	21.944999999999993	6.600000000000006	-1.498333333333337
2020-12-10 12:10	22.0	6.600000000000006	-1.463333333333343
2020-12-10 12:11	22.061666666666657	6.6166666666666725	-1.418333333333346
2020-12-10 12:12	22.060000000000006	6.600000000000006	-1.488333333333333
2020-12-10 12:13	22.0	6.600000000000006	-1.446666666666679

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timestamp	GP-62	GP-63	GT-63
2020-12-10 12:14	22.078333333333326	6.664999999999996	-1.334999999999989
2020-12-10 12:15	22.02	6.654999999999985	-1.311666666666667
2020-12-10 12:16	22.098333333333322	6.699999999999993	-1.243333333333336
2020-12-10 12:17	22.099999999999999	6.699999999999993	-1.238333333333335
2020-12-10 12:18	22.130000000000002	6.699999999999993	-1.266666666666666
2020-12-10 12:19	22.068333333333334	6.670000000000002	-1.329999999999994
2020-12-10 12:20	22.0	6.699999999999993	-1.243333333333335
2020-12-10 12:21	22.146666666666693	6.693333333333329	-1.141666666666668
2020-12-10 12:22	22.146666666666654	6.669999999999998	-1.2616666666666658
2020-12-10 12:23	22.099999999999999	6.664999999999965	-1.2816666666666674
2020-12-10 12:24	22.099999999999999	6.693333333333326	-1.254999999999994
2020-12-10 12:25	22.076666666666668	6.679999999999993	-1.2983333333333322
2020-12-10 12:26	22.078333333333326	6.699999999999993	-1.2000000000000015
2020-12-10 12:27	22.065000000000001	6.674999999999999	-1.309999999999999
2020-12-10 12:28	22.0	6.699999999999993	-1.276666666666666
2020-12-10 12:29	22.0	6.699999999999993	-1.2383333333333342
2020-12-10 12:30	22.0	6.699999999999993	-1.299999999999985



timestamp	GT-64	EV%	EV_step	CP10	CP20
2020-12-10 11:25	38.72833333333337	97.01166666666663	46.55833333333335	600.0	1000.0
2020-12-10 11:26	38.82999999999999	97.12666666666671	46.61833333333332	600.0	1000.0
2020-12-10 11:27	38.465000000000046	97.66999999999999	46.88500000000001	600.0	1000.0
2020-12-10 11:28	38.564999999999976	97.07666666666667	46.58999999999996	600.0	1000.0
2020-12-10 11:29	38.598333333333315	97.71	46.905	600.0	1000.0
2020-12-10 11:30	38.405000000000044	97.65999999999991	46.88000000000004	600.0	1000.0
2020-12-10 11:31	38.498333333333335	97.63499999999999	46.86666666666646	600.0	1000.0
2020-12-10 11:32	38.351666666666674	97.87999999999994	46.99	600.0	1000.0
2020-12-10 11:33	38.29999999999999	97.74499999999996	46.92166666666674	600.0	1000.0
2020-12-10 11:34	38.23999999999995	97.92166666666662	47.010000000000005	600.0	1000.0
2020-12-10 11:35	38.215000000000046	97.86333333333333	46.98000000000004	600.0	1000.0
2020-12-10 11:36	38.36333333333335	97.91666666666674	47.00499999999998	600.0	1000.0
2020-12-10 11:37	38.29999999999999	98.02333333333331	47.05999999999974	600.0	1000.0
2020-12-10 11:38	38.19500000000001	98.14333333333336	47.11833333333325	600.0	1000.0
2020-12-10 11:39	38.20500000000004	97.78833333333331	46.94333333333332	600.0	1000.0
2020-12-10 11:40	38.17666666666664	98.27166666666667	47.17833333333329	600.0	1000.0
2020-12-10 11:41	38.11166666666665	97.99833333333339	47.04833333333333	600.0	1000.0
2020-12-10 11:42	38.14833333333333	98.10166666666669	47.09833333333333	600.0	1000.0
2020-12-10 11:43	38.15166666666664	98.07833333333333	47.085	600.0	1000.0
2020-12-10 11:44	38.091666666666626	98.01499999999997	47.05333333333335	600.0	1000.0
2020-12-10 11:45	38.0	98.01666666666657	47.05833333333335	600.0	1000.0
2020-12-10 11:46	38.0	98.19000000000007	47.14166666666665	600.0	1000.0
2020-12-10 11:47	38.101666666666645	97.97166666666672	47.03499999999999	600.0	1000.0
2020-12-10 11:48	38.20000000000001	98.03166666666665	47.06333333333331	600.0	1000.0
2020-12-10 11:49	38.07499999999996	98.34166666666665	47.20499999999999	600.0	1000.0
2020-12-10 11:50	37.94666666666668	97.92833333333338	47.01166666666664	600.0	1000.0
2020-12-10 11:51	38.16499999999999	98.13833333333336	47.11499999999997	600.0	1000.0
2020-12-10 11:52	37.97499999999994	98.06666666666667	47.07833333333333	600.0	1000.0
2020-12-10 11:53	37.918333333333365	98.25333333333339	47.16833333333331	600.0	1000.0
2020-12-10 11:54	37.83333333333334	98.00666666666672	47.05166666666667	600.0	1000.0
2020-12-10 11:55	38.0	98.09833333333339	47.09333333333331	600.0	1000.0
2020-12-10 11:56	37.916666666666714	98.05999999999999	47.07999999999956	600.0	1000.0
2020-12-10 11:57	37.878333333333366	98.10666666666675	47.09999999999995	600.0	1000.0
2020-12-10 11:58	37.82499999999996	97.91333333333331	47.00666666666646	600.0	1000.0
2020-12-10 11:59	37.99000000000001	97.85166666666666	46.97	600.0	1000.0
2020-12-10 12:00	37.90000000000004	97.84499999999998	46.96833333333334	600.0	1000.0
2020-12-10 12:01	37.85833333333332	97.84	46.96500000000001	600.0	1000.0
2020-12-10 12:02	37.94666666666667	97.75499999999998	46.92499999999999	600.0	1000.0
2020-12-10 12:03	37.80999999999998	97.90666666666666	47.00166666666667	600.0	1000.0
2020-12-10 12:04	37.75333333333334	97.57666666666668	46.83833333333338	600.0	1000.0
2020-12-10 12:05	37.951666666666696	97.63666666666667	46.86833333333335	600.0	1000.0
2020-12-10 12:06	37.713333333333345	97.89666666666668	46.99666666666666	600.0	1000.0
2020-12-10 12:07	37.740000000000016	97.60333333333328	46.85166666666667	600.0	1000.0
2020-12-10 12:08	37.83000000000002	97.87666666666674	46.98499999999999	600.0	1000.0
2020-12-10 12:09	37.84500000000003	97.64666666666663	46.87333333333335	600.0	1000.0
2020-12-10 12:10	37.90000000000004	97.78499999999995	46.94166666666669	600.0	1000.0
2020-12-10 12:11	38.05499999999995	97.68999999999997	46.89333333333338	600.0	1000.0
2020-12-10 12:12	38.07333333333333	98.03166666666674	47.05999999999999	600.0	1000.0
2020-12-10 12:13	37.908333333333374	98.01999999999995	47.05666666666666	600.0	1000.0

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timestamp	GT-64	EV%	EV_step	CP10	CP20
2020-12-10 12:14	38.135000000000005	97.73666666666666	46.91666666666665	600.0	1000.0
2020-12-10 12:15	38.02333333333333	98.30000000000001	47.188333333333304	600.0	1000.0
2020-12-10 12:16	38.09833333333329	98.13333333333334	47.10999999999985	600.0	1000.0
2020-12-10 12:17	38.155	98.06333333333336	47.07833333333334	600.0	1000.0
2020-12-10 12:18	38.23000000000003	98.12666666666672	47.10833333333332	600.0	1000.0
2020-12-10 12:19	38.07000000000003	98.69000000000004	47.36833333333354	600.0	1000.0
2020-12-10 12:20	37.93666666666668	98.29000000000005	47.18666666666663	600.0	1000.0
2020-12-10 12:21	38.23000000000002	97.84666666666674	46.97166666666664	600.0	1000.0
2020-12-10 12:22	38.20333333333329	98.56500000000003	47.31166666666665	600.0	1000.0
2020-12-10 12:23	38.09999999999995	98.09166666666668	47.08666666666668	600.0	1000.0
2020-12-10 12:24	38.09999999999995	98.34166666666673	47.21166666666669	600.0	1000.0
2020-12-10 12:25	38.07666666666664	98.36333333333337	47.21500000000003	600.0	1000.0
2020-12-10 12:26	38.10666666666664	98.04666666666667	47.06999999999986	600.0	1000.0
2020-12-10 12:27	38.09500000000001	98.53166666666668	47.29500000000001	600.0	1000.0
2020-12-10 12:28	37.90666666666667	98.23000000000003	47.15499999999994	600.0	1000.0
2020-12-10 12:29	38.0	98.23333333333336	47.16166666666626	600.0	1000.0
2020-12-10 12:30	38.0	98.31666666666676	47.20333333333333	600.0	1000.0

timestamp	GT-21c	GT-11c	T_Evap_c	T_Cond_c	Isentropic efficiency
2020-12-10 11:25	2021-03-01	37.8	-2.1	39.8	65.3
2020-12-10 11:26	2021-04-01	37.5	-2.4	39.3	65.4
2020-12-10 11:27	2021-05-01	37.4	-2.6	39.3	66.4
2020-12-10 11:28	2021-05-01	37.4	-2.6	39.4	67.0
2020-12-10 11:29	2021-05-01	37.4	-2.5	39.3	66.2
2020-12-10 11:30	2021-06-01	37.2	-2.8	39.2	67.9
2020-12-10 11:31	2021-06-01	37.2	-2.8	39.5	69.0
2020-12-10 11:32	2021-06-01	37.3	-2.6	39.5	67.7
2020-12-10 11:33	2021-07-01	37.2	-2.7	39.4	68.8
2020-12-10 11:34	2021-07-01	37.1	-2.9	39.6	70.3
2020-12-10 11:35	2021-07-01	37.1	-2.8	39.7	70.3
2020-12-10 11:36	2021-07-01	37.1	-2.8	39.6	69.6
2020-12-10 11:37	2021-08-01	37.0	-2.9	39.7	70.1
2020-12-10 11:38	2021-08-01	37.0	-2.9	39.6	70.8
2020-12-10 11:39	2021-08-01	37.0	-2.9	39.6	70.2
2020-12-10 11:40	2021-08-01	36.9	-3.0	39.5	70.8
2020-12-10 11:41	2021-08-01	36.9	-3.0	39.7	71.6
2020-12-10 11:42	2021-08-01	36.9	-2.9	39.9	71.5
2020-12-10 11:43	2021-08-01	36.9	-2.9	39.8	71.7
2020-12-10 11:44	2021-08-01	36.9	-2.9	39.7	71.7
2020-12-10 11:45	2021-08-01	36.9	-3.0	39.7	71.4
2020-12-10 11:46	2021-08-01	36.8	-3.0	39.6	71.2
2020-12-10 11:47	2021-08-01	36.9	-3.0	39.7	71.4
2020-12-10 11:48	2021-08-01	36.9	-2.9	39.6	70.8
2020-12-10 11:49	2021-08-01	36.7	-3.1	39.5	72.0
2020-12-10 11:50	2021-08-01	36.8	-3.0	39.6	71.7
2020-12-10 11:51	2021-08-01	36.8	-3.0	39.7	72.0
2020-12-10 11:52	2021-08-01	36.8	-3.1	39.8	72.7
2020-12-10 11:53	2021-07-01	36.8	-3.0	39.9	72.4
2020-12-10 11:54	2021-08-01	36.7	-3.0	39.6	71.7
2020-12-10 11:55	2021-07-01	36.7	-3.0	39.6	71.3
2020-12-10 11:56	2021-07-01	36.7	-3.2	39.6	72.5
2020-12-10 11:57	2021-07-01	36.7	-3.1	39.6	71.8
2020-12-10 11:58	2021-07-01	36.7	-3.1	39.6	72.6
2020-12-10 11:59	2021-07-01	36.7	-3.1	39.7	72.6
2020-12-10 12:00	2021-07-01	36.8	-3.0	39.6	71.9
2020-12-10 12:01	2021-07-01	36.7	-3.0	39.6	72.3
2020-12-10 12:02	2021-07-01	36.7	-3.0	39.4	70.6
2020-12-10 12:03	2021-07-01	36.6	-3.1	39.4	71.6
2020-12-10 12:04	2021-07-01	36.6	-3.2	39.5	72.2
2020-12-10 12:05	2021-07-01	36.7	-3.1	39.9	73.4
2020-12-10 12:06	2021-07-01	36.7	-3.0	39.8	72.8
2020-12-10 12:07	2021-07-01	36.6	-3.1	39.6	72.1
2020-12-10 12:08	2021-07-01	36.7	-3.1	39.4	70.3
2020-12-10 12:09	2021-07-01	36.6	-3.2	39.3	72.0
2020-12-10 12:10	2021-07-01	36.5	-3.3	39.5	72.7
2020-12-10 12:11	2021-07-01	36.6	-3.2	39.6	72.5
2020-12-10 12:12	2021-07-01	36.7	-3.1	39.6	71.3
2020-12-10 12:13	2021-07-01	36.6	-3.1	39.4	72.1

## DRALOD ORDP D6.2 Annex 1

timestamp	GT-21c	GT-11c	T_Evap_c	T_Cond_c	Isentropic efficiency
2020-12-10 12:14	2021-07-01	36.6	-3.2	39.3	72.2
2020-12-10 12:15	2021-06-01	36.6	-3.2	39.5	71.9
2020-12-10 12:16	2021-06-01	36.6	-3.2	39.4	72.3
2020-12-10 12:17	2021-06-01	36.5	-3.3	39.6	72.8
2020-12-10 12:18	2021-05-01	36.6	-3.1	39.6	71.7
2020-12-10 12:19	2021-05-01	36.6	-3.1	39.5	71.1
2020-12-10 12:20	2021-05-01	36.6	-3.2	39.2	70.7
2020-12-10 12:21	2021-05-01	36.5	-3.2	39.3	71.8
2020-12-10 12:22	2021-05-01	36.5	-3.3	39.5	72.7
2020-12-10 12:23	2021-04-01	36.6	-3.1	39.3	70.9
2020-12-10 12:24	2021-05-01	36.5	-3.2	39.1	70.5
2020-12-10 12:25	2021-04-01	36.5	-3.3	39.2	71.8
2020-12-10 12:26	2021-04-01	36.5	-3.3	39.2	70.9
2020-12-10 12:27	2021-04-01	36.6	-3.2	39.4	71.2
2020-12-10 12:28	2021-04-01	36.5	-3.2	39.2	71.2
2020-12-10 12:29	2021-05-01	36.4	-3.3	39.1	71.0
2020-12-10 12:30	2021-05-01	36.5	-3.3	39.5	72.1

timestamp	Compressor Power	Heat output	COP heat	Cold output
2020-12-10 11:25	2021-09-03	14.6	4.67	18.3
2020-12-10 11:26	2021-09-03	14.6	4.68	18.2
2020-12-10 11:27	2021-09-03	14.6	4.71	18.1
2020-12-10 11:28	2021-09-03	14.7	4.74	18.3
2020-12-10 11:29	2021-09-03	14.7	4.73	18.3
2020-12-10 11:30	2021-08-03	14.8	4.79	18.3
2020-12-10 11:31	2021-08-03	14.9	4.82	18.4
2020-12-10 11:32	2021-09-03	14.8	4.79	18.4
2020-12-10 11:33	2021-09-03	15.0	4.83	18.6
2020-12-10 11:34	2021-08-03	15.1	4.89	18.6
2020-12-10 11:35	2021-09-03	15.3	4.89	18.8
2020-12-10 11:36	2021-08-03	15.1	4.87	18.6
2020-12-10 11:37	2021-08-03	15.1	4.87	18.7
2020-12-10 11:38	2021-08-03	15.2	4.92	18.7
2020-12-10 11:39	2021-08-03	15.1	4.89	18.7
2020-12-10 11:40	2021-08-03	15.2	4.92	18.7
2020-12-10 11:41	2021-08-03	15.3	4.95	18.9
2020-12-10 11:42	2021-08-03	15.3	4.94	18.8
2020-12-10 11:43	2021-08-03	15.4	4.96	19.0
2020-12-10 11:44	2021-08-03	15.5	4.97	19.0
2020-12-10 11:45	2021-08-03	15.3	4.94	18.9
2020-12-10 11:46	2021-08-03	15.3	4.93	18.9
2020-12-10 11:47	2021-08-03	15.4	4.95	18.9
2020-12-10 11:48	2021-08-03	15.4	4.93	18.9
2020-12-10 11:49	2021-08-03	15.4	4.97	18.9
2020-12-10 11:50	2021-08-03	15.3	4.96	18.8
2020-12-10 11:51	2021-08-03	15.4	4.97	19.0
2020-12-10 11:52	2021-08-03	15.5	5.0	19.0
2020-12-10 11:53	2021-08-03	15.5	4.99	19.1
2020-12-10 11:54	2021-08-03	15.4	4.96	18.9
2020-12-10 11:55	2021-08-03	15.3	4.94	18.8
2020-12-10 11:56	2021-08-03	15.4	4.99	18.9
2020-12-10 11:57	2021-08-03	15.3	4.97	18.8
2020-12-10 11:58	2021-08-03	15.5	5.0	19.0
2020-12-10 11:59	2021-08-03	15.4	5.0	19.0
2020-12-10 12:00	2021-08-03	15.4	4.98	19.0
2020-12-10 12:01	2021-08-03	15.4	5.0	19.0
2020-12-10 12:02	2021-08-03	15.3	4.93	18.8
2020-12-10 12:03	2021-08-03	15.4	4.96	18.9
2020-12-10 12:04	2021-08-03	15.3	4.98	18.8
2020-12-10 12:05	2021-08-03	15.6	5.02	19.1
2020-12-10 12:06	2021-08-03	15.6	5.02	19.2
2020-12-10 12:07	2021-08-03	15.4	4.98	19.0
2020-12-10 12:08	2021-08-03	15.2	4.91	18.8
2020-12-10 12:09	2021-08-03	15.5	4.99	19.0
2020-12-10 12:10	2021-08-03	15.4	4.99	19.0
2020-12-10 12:11	2021-08-03	15.3	4.99	18.8
2020-12-10 12:12	2021-08-03	15.3	4.94	18.9
2020-12-10 12:13	2021-08-03	15.4	4.99	19.0

timestamp	Compressor Power	Heat output	COP heat	Cold output
2020-12-10 12:14	2021-08-03	15.4	4.99	18.9
2020-12-10 12:15	2021-08-03	15.5	4.97	19.0
2020-12-10 12:16	2021-08-03	15.4	4.99	19.0
2020-12-10 12:17	2021-08-03	15.3	5.0	18.8
2020-12-10 12:18	2021-08-03	15.4	4.96	19.0
2020-12-10 12:19	2021-09-03	15.4	4.94	19.0
2020-12-10 12:20	2021-08-03	15.3	4.93	18.8
2020-12-10 12:21	2021-08-03	15.3	4.98	18.9
2020-12-10 12:22	2021-08-03	15.4	5.0	18.9
2020-12-10 12:23	2021-08-03	15.2	4.94	18.7
2020-12-10 12:24	2021-08-03	15.2	4.92	18.7
2020-12-10 12:25	2021-08-03	15.3	4.97	18.8
2020-12-10 12:26	2021-08-03	15.2	4.93	18.8
2020-12-10 12:27	2021-08-03	15.3	4.94	18.9
2020-12-10 12:28	2021-08-03	15.2	4.95	18.7
2020-12-10 12:29	2021-08-03	15.1	4.93	18.6
2020-12-10 12:30	2021-08-03	15.3	4.97	18.8

timestamp	GF-40	GF-50	GRh-50	GRh-40	GRh-51	GdP-50	GdP-40	GdP-31
2021-06-23 15:23	160.4	155.4	46.03	58.43	22.9	7.74	2514.25	0.9
2021-06-23 15:24	161.1	1.7	62.87	58.42	34.3	19.09	2514.32	0.77
2021-06-23 15:25	160.1	1.8	53.76	58.88	36.1	19.09	2515.09	0.84
2021-06-23 15:26	160.4	1.7	46.35	57.94	36.5	19.57	2516.0	0.91
2021-06-23 15:27	160.7	1.8	37.46	56.57	37.3	31.84	2516.89	0.87
2021-06-23 15:28	158.4	1.8	33.62	54.9	37.4	31.72	2511.02	0.91
2021-06-23 15:29	158.7	137.9	25.58	55.72	37.0	81.68	2515.94	0.8
2021-06-23 15:30	158.4	157.5	33.46	55.21	30.1	81.17	2516.73	0.94
2021-06-23 15:31	159.4	158.2	35.19	55.9	29.1	80.83	2515.0	0.94
2021-06-23 15:32	158.7	161.0	37.11	56.42	28.9	81.37	2516.68	0.93
2021-06-23 15:33	159.1	160.4	37.48	56.09	28.5	80.19	2516.77	0.93
2021-06-23 15:34	157.7	163.1	39.0	55.9	28.1	79.66	2517.01	0.93
2021-06-23 15:35	157.4	159.3	38.29	55.67	28.0	80.04	2517.23	0.93
2021-06-23 15:36	159.4	149.3	38.08	54.87	28.5	79.53	2517.21	0.93
2021-06-23 15:37	158.4	147.0	38.13	54.86	28.4	76.37	2514.7	0.83
2021-06-23 15:38	159.8	385.8	39.88	53.92	18.4	43.74	2517.03	0.93
2021-06-23 15:39	160.5	384.0	39.45	51.51	17.5	44.06	2517.2	0.93
2021-06-23 15:40	161.9	381.6	41.0	49.8	17.5	43.92	2516.82	0.93
2021-06-23 15:41	161.6	383.7	40.26	49.72	17.9	43.48	2517.27	0.92
2021-06-23 15:42	160.2	381.6	40.49	49.67	17.9	43.4	2517.33	0.93
2021-06-23 15:43	161.2	382.7	40.87	49.18	18.0	43.57	2517.2	0.93
2021-06-23 15:44	161.2	380.6	41.09	49.14	18.3	43.75	2517.31	0.93
2021-06-23 15:45	161.9	379.2	42.15	49.72	18.8	43.64	2517.28	0.93
2021-06-23 15:46	161.9	381.3	40.89	50.11	19.2	43.23	2517.42	0.93
2021-06-23 15:47	160.2	382.7	41.76	49.75	19.1	43.46	2517.52	0.93
2021-06-23 15:48	162.9	387.2	39.58	50.85	19.3	43.26	2517.4	0.93
2021-06-23 15:49	160.2	386.1	40.28	51.47	19.6	43.14	2517.29	0.93
2021-06-23 15:50	161.2	379.9	39.85	50.04	19.4	43.7	2517.37	0.93
2021-06-23 15:51	161.9	376.1	40.09	49.05	19.7	44.15	2517.17	0.93
2021-06-23 15:52	164.0	379.9	40.86	48.81	19.6	43.49	2517.42	0.93
2021-06-23 15:53	162.3	382.3	41.6	49.56	19.4	43.44	2517.12	0.93
2021-06-23 15:54	163.0	384.0	39.7	49.43	20.1	43.6	2517.21	0.94
2021-06-23 15:55	163.7	381.6	39.55	49.42	20.3	43.83	2517.32	0.93
2021-06-23 15:56	161.9	382.7	39.5	48.13	19.9	44.23	2517.32	0.93
2021-06-23 15:57	161.9	382.7	39.13	47.52	20.0	43.98	2517.34	0.93
2021-06-23 15:58	161.9	384.4	40.17	47.02	20.8	43.57	2517.42	0.93
2021-06-23 15:59	161.2	384.4	38.88	47.01	20.8	43.47	2517.61	0.93
2021-06-23 16:00	161.3	383.0	40.0	46.5	20.9	43.2	2517.45	0.93
2021-06-23 16:01	160.2	383.0	39.93	46.54	20.9	43.95	2517.43	0.93
2021-06-23 16:02	162.3	382.0	40.57	46.66	21.1	43.7	2517.24	0.93
2021-06-23 16:03	161.6	385.8	38.34	46.15	21.1	43.39	2517.45	0.93
2021-06-23 16:04	163.0	385.1	38.63	46.08	20.6	43.47	2517.69	0.93
2021-06-23 16:05	161.3	383.0	39.8	45.86	20.9	43.56	2517.52	0.93
2021-06-23 16:06	163.7	385.1	38.6	46.21	21.1	43.8	2517.53	0.93
2021-06-23 16:07	161.6	386.8	38.03	46.38	20.8	43.2	2517.75	0.93
2021-06-23 16:08	161.3	386.5	38.4	46.63	21.0	43.69	2517.39	0.93
2021-06-23 16:09	158.9	387.5	37.66	46.43	21.2	43.28	2517.42	0.93
2021-06-23 16:10	160.2	387.5	37.69	46.39	21.3	43.87	2517.43	0.93
2021-06-23 16:11	161.6	346.2	38.79	44.88	20.3	32.97	2517.53	0.93

## DRALOD ORDP D6.2 Annex 1

timestamp	GF-40	GF-50	GRh-50	GRh-40	GRh-51	GdP-50	GdP-40	GdP-31
2021-06-23 16:12	162.3	200.7	38.47	43.78	18.7	12.75	2517.31	0.93
2021-06-23 16:13	163.7	197.3	37.97	42.76	18.6	13.28	2517.68	0.93
2021-06-23 16:14	162.3	195.6	38.88	42.39	18.9	13.06	2517.55	0.93
2021-06-23 16:15	160.2	197.7	37.88	41.96	18.8	12.99	2517.6	0.93
2021-06-23 16:16	160.6	196.3	37.79	40.63	18.6	12.97	2517.65	0.93
2021-06-23 16:17	160.9	196.3	37.74	39.46	18.4	13.09	2517.58	0.93
2021-06-23 16:18	162.0	198.7	38.47	39.06	19.1	12.89	2517.5	0.93
2021-06-23 16:19	162.6	194.5	38.12	38.78	18.5	13.0	2517.49	0.93
2021-06-23 16:20	162.0	197.0	37.99	37.58	18.2	13.06	2517.58	0.93
2021-06-23 16:21	161.3	197.7	38.45	36.76	17.6	12.84	2517.35	0.93
2021-06-23 16:22	161.3	194.9	38.02	36.5	18.1	13.04	2517.61	0.93
2021-06-23 16:23	161.3	195.3	38.44	35.93	17.9	12.86	2517.68	0.94



timestamp	GdP-30	GT-50	GT-40	GT-11	GT-23	GT-24	GT-22	GT-21
2021-06-23 15:23	0.02	20.86	27.2	40.6	2021-07-11	13.2	13.4	11.6
2021-06-23 15:24	0.02	26.7	26.11	40.7	2021-07-11	13.2	13.4	11.6
2021-06-23 15:25	0.02	24.87	25.97	40.7	2021-07-11	13.2	13.4	11.6
2021-06-23 15:26	0.01	30.24	29.7	40.8	2021-07-11	13.2	13.4	11.6
2021-06-23 15:27	0.01	31.22	32.09	40.8	2021-07-11	13.1	13.4	11.6
2021-06-23 15:28	0.02	39.73	42.88	41.0	2021-07-11	13.1	13.3	11.6
2021-06-23 15:29	0.04	31.11	28.66	41.3	2021-07-11	13.2	13.3	11.5
2021-06-23 15:30	0.01	25.93	28.5	42.6	2021-07-11	13.2	13.3	11.5
2021-06-23 15:31	0.01	24.19	28.44	43.4	2021-07-11	13.1	13.3	11.6
2021-06-23 15:32	0.01	23.14	28.47	43.7	2021-07-11	13.1	13.3	11.6
2021-06-23 15:33	0.01	22.5	28.76	44.0	2021-07-11	13.1	13.3	11.6
2021-06-23 15:34	0.02	22.16	28.83	44.2	2021-07-11	13.1	13.3	11.6
2021-06-23 15:35	0.01	22.03	29.01	44.5	2021-07-11	13.1	13.3	11.5
2021-06-23 15:36	0.02	21.82	29.18	45.0	2021-07-11	13.2	13.3	11.6
2021-06-23 15:37	0.03	34.5	41.04	45.7	2021-07-11	13.1	13.3	11.6
2021-06-23 15:38	0.01	20.86	29.02	46.4	2021-07-11	13.2	13.3	11.6
2021-06-23 15:39	0.02	20.87	28.86	47.0	2021-08-11	13.2	13.3	11.6
2021-06-23 15:40	0.02	20.36	29.0	46.9	2021-08-11	13.2	13.4	11.6
2021-06-23 15:41	0.02	20.6	28.8	46.5	2021-08-11	13.2	13.4	11.7
2021-06-23 15:42	0.02	20.27	28.54	46.0	2021-08-11	13.3	13.4	11.6
2021-06-23 15:43	0.02	20.25	28.5	45.5	2021-08-11	13.3	13.4	11.7
2021-06-23 15:44	0.02	20.53	28.49	45.1	2021-08-11	13.3	13.4	11.7
2021-06-23 15:45	0.02	20.04	28.26	44.7	2021-08-11	13.3	13.4	11.7
2021-06-23 15:46	0.02	20.84	28.17	44.3	2021-08-11	13.3	13.4	11.7
2021-06-23 15:47	0.02	20.81	28.3	43.9	2021-08-11	13.3	13.5	11.7
2021-06-23 15:48	0.02	21.07	27.86	43.6	2021-08-11	13.3	13.5	11.7
2021-06-23 15:49	0.02	20.94	27.63	43.3	2021-08-11	13.3	13.5	11.7
2021-06-23 15:50	0.02	20.83	27.31	43.0	2021-08-11	13.3	13.5	11.7
2021-06-23 15:51	0.02	20.81	27.04	42.7	2021-08-11	13.3	13.5	11.7
2021-06-23 15:52	0.02	20.38	27.17	42.5	2021-08-11	13.3	13.5	11.7
2021-06-23 15:53	0.02	20.23	27.5	42.2	2021-08-11	13.3	13.5	11.7
2021-06-23 15:54	0.02	20.81	27.71	41.9	2021-08-11	13.3	13.5	11.7
2021-06-23 15:55	0.02	20.94	27.81	41.7	2021-08-11	13.3	13.5	11.7
2021-06-23 15:56	0.02	20.69	28.01	41.5	2021-08-11	13.3	13.4	11.7
2021-06-23 15:57	0.02	20.92	28.12	41.3	2021-08-11	13.2	13.4	11.6
2021-06-23 15:58	0.02	20.66	28.05	41.1	2021-07-11	13.2	13.4	11.6
2021-06-23 15:59	0.02	21.49	28.35	40.8	2021-07-11	13.2	13.4	11.6
2021-06-23 16:00	0.03	21.14	28.45	40.7	2021-07-11	13.2	13.4	11.6
2021-06-23 16:01	0.02	20.97	28.32	40.5	2021-07-11	13.1	13.3	11.5
2021-06-23 16:02	0.02	20.79	28.26	40.4	2021-06-11	13.1	13.3	11.5
2021-06-23 16:03	0.03	21.41	28.2	41.9	2021-06-11	13.1	13.3	11.5
2021-06-23 16:04	0.02	21.29	28.11	41.8	2021-06-11	13.0	13.3	11.5
2021-06-23 16:05	0.03	20.73	28.08	41.6	2021-06-11	13.0	13.2	11.4
2021-06-23 16:06	0.02	21.66	28.21	41.3	2021-05-11	13.0	13.2	11.4
2021-06-23 16:07	0.03	21.31	27.87	41.3	2021-05-11	13.0	13.2	11.4
2021-06-23 16:08	0.03	21.14	27.62	41.1	2021-05-11	13.0	13.2	11.4
2021-06-23 16:09	0.03	21.68	27.7	41.0	2021-05-11	12.9	13.2	11.3
2021-06-23 16:10	0.03	21.17	27.54	40.8	2021-04-11	12.9	13.1	11.3
2021-06-23 16:11	0.03	20.71	27.75	40.7	2021-04-11	12.9	13.1	11.3

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timestamp	GdP-30	GT-50	GT-40	GT-11	GT-23	GT-24	GT-22	GT-21
2021-06-23 16:12	0.03	20.92	28.04	40.6	2021-04-11	12.8	13.1	11.3
2021-06-23 16:13	0.03	21.0	28.27	40.5	2021-04-11	12.8	13.0	11.2
2021-06-23 16:14	0.03	21.06	28.5	40.4	2021-03-11	12.8	13.0	11.2
2021-06-23 16:15	0.03	21.3	28.59	40.5	2021-03-11	12.8	13.0	11.2
2021-06-23 16:16	0.03	21.42	28.96	40.4	2021-03-11	12.7	13.0	11.1
2021-06-23 16:17	0.03	21.18	29.16	40.5	2021-03-11	12.7	12.9	11.1
2021-06-23 16:18	0.03	21.28	29.28	40.6	2021-02-11	12.7	12.9	11.1
2021-06-23 16:19	0.03	21.19	29.33	40.8	2021-02-11	12.7	12.9	11.1
2021-06-23 16:20	0.03	21.09	29.59	41.1	2021-02-11	12.7	12.9	11.1
2021-06-23 16:21	0.03	20.85	29.76	41.5	2021-02-11	12.6	12.8	11.0
2021-06-23 16:22	0.03	21.17	29.85	41.7	2021-02-11	12.6	12.8	11.0
2021-06-23 16:23	0.03	21.07	30.07	41.9	2021-01-11	12.6	12.8	11.0

timestamp	GT-25	GT-12	GT-14	GT-31	GT-30	GT-51	GT-41	GT-42
2021-06-23 15:23	13.4	35.2	34.7	13.2	17.3	34.0	14.8	30.8
2021-06-23 15:24	13.4	35.4	38.2	13.2	17.0	31.4	14.8	30.9
2021-06-23 15:25	13.4	35.4	39.3	13.2	16.7	30.5	14.8	30.9
2021-06-23 15:26	13.4	35.4	39.4	13.2	17.2	30.3	15.0	31.1
2021-06-23 15:27	13.4	35.6	39.2	13.1	16.9	29.9	14.9	31.1
2021-06-23 15:28	13.4	35.8	38.9	13.1	17.4	29.9	14.8	31.2
2021-06-23 15:29	13.4	36.8	39.1	13.1	17.3	30.2	14.9	31.1
2021-06-23 15:30	13.3	38.0	40.1	13.1	17.2	31.6	14.9	31.2
2021-06-23 15:31	13.3	38.4	41.2	13.1	17.4	32.1	14.9	31.2
2021-06-23 15:32	13.3	38.6	42.1	13.1	17.4	32.4	14.9	31.2
2021-06-23 15:33	13.4	38.8	42.4	13.1	17.3	32.6	14.9	31.2
2021-06-23 15:34	13.3	39.1	42.6	13.1	17.2	32.8	14.9	31.2
2021-06-23 15:35	13.3	39.5	42.8	13.1	17.2	32.9	14.9	31.2
2021-06-23 15:36	13.3	40.2	43.1	13.1	16.9	32.7	14.9	31.2
2021-06-23 15:37	13.3	41.0	43.6	13.2	17.3	32.7	14.9	31.2
2021-06-23 15:38	13.3	41.5	38.3	13.2	17.3	37.1	14.8	31.2
2021-06-23 15:39	13.4	41.9	37.2	13.2	16.9	37.6	14.9	31.1
2021-06-23 15:40	13.4	41.3	37.2	13.2	17.3	37.9	14.8	31.1
2021-06-23 15:41	13.4	40.8	37.2	13.2	17.3	37.8	14.8	31.1
2021-06-23 15:42	13.4	40.3	36.9	13.2	17.1	37.7	14.8	31.1
2021-06-23 15:43	13.4	39.9	36.5	13.2	17.3	37.4	14.7	31.0
2021-06-23 15:44	13.4	39.4	36.3	13.3	17.2	37.3	14.6	31.0
2021-06-23 15:45	13.5	39.0	36.0	13.3	17.1	37.0	14.6	30.9
2021-06-23 15:46	13.5	38.7	35.8	13.3	17.2	36.8	14.6	30.9
2021-06-23 15:47	13.5	38.2	35.6	13.3	17.2	36.7	14.6	30.9
2021-06-23 15:48	13.5	37.9	35.4	13.3	17.3	36.3	14.7	30.9
2021-06-23 15:49	13.5	37.7	35.2	13.3	17.3	36.2	14.8	30.9
2021-06-23 15:50	13.5	37.3	35.0	13.3	17.2	36.2	14.8	30.9
2021-06-23 15:51	13.5	37.0	34.9	13.3	17.2	36.0	14.8	31.0
2021-06-23 15:52	13.5	36.8	34.7	13.3	17.1	35.8	14.8	31.0
2021-06-23 15:53	13.5	36.5	34.3	13.3	17.1	35.7	14.7	30.9
2021-06-23 15:54	13.5	36.3	34.2	13.3	17.1	35.5	14.7	30.9
2021-06-23 15:55	13.5	36.0	34.2	13.2	17.1	35.3	14.7	30.9
2021-06-23 15:56	13.5	35.8	34.0	13.2	17.0	35.2	14.6	30.9
2021-06-23 15:57	13.5	35.6	33.8	13.2	16.9	35.1	14.6	30.9
2021-06-23 15:58	13.4	35.5	33.7	13.2	16.9	35.0	14.6	30.9
2021-06-23 15:59	13.4	35.2	33.7	13.2	16.9	34.9	14.5	30.9
2021-06-23 16:00	13.4	35.1	33.6	13.2	16.7	34.8	14.5	30.9
2021-06-23 16:01	13.4	34.9	33.5	13.1	16.2	34.7	14.5	30.9
2021-06-23 16:02	13.4	34.8	33.3	13.1	16.9	34.5	14.5	30.8
2021-06-23 16:03	13.3	34.7	32.2	13.1	16.9	34.5	14.5	30.9
2021-06-23 16:04	13.3	34.4	32.4	13.0	16.9	34.7	14.6	30.8
2021-06-23 16:05	13.3	34.2	32.5	13.0	17.0	34.7	14.6	30.9
2021-06-23 16:06	13.2	34.2	32.5	13.0	17.0	34.7	14.6	30.9
2021-06-23 16:07	13.2	34.0	32.4	13.0	16.9	34.5	14.7	30.9
2021-06-23 16:08	13.2	33.9	32.3	12.9	17.0	34.4	14.8	31.0
2021-06-23 16:09	13.2	33.7	32.3	12.9	16.4	34.4	14.8	31.0
2021-06-23 16:10	13.1	33.6	32.2	12.9	16.9	34.2	14.8	31.0
2021-06-23 16:11	13.1	33.5	32.0	12.9	16.0	34.4	14.8	31.0

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timestamp	GT-25	GT-12	GT-14	GT-31	GT-30	GT-51	GT-41	GT-42
2021-06-23 16:12	13.1	33.4	33.4	12.8	16.4	35.3	14.7	31.0
2021-06-23 16:13	13.1	33.3	34.9	12.8	16.1	35.6	14.6	31.0
2021-06-23 16:14	13.1	33.3	35.1	12.8	16.9	35.6	14.6	31.0
2021-06-23 16:15	13.0	33.3	35.0	12.8	16.0	35.6	14.5	30.9
2021-06-23 16:16	13.0	33.4	35.1	12.7	15.8	35.6	14.5	30.9
2021-06-23 16:17	13.0	33.5	35.1	12.7	15.9	35.6	14.4	30.8
2021-06-23 16:18	13.0	33.7	35.1	12.7	16.0	35.6	14.3	30.8
2021-06-23 16:19	12.9	34.1	35.2	12.7	16.4	35.6	14.3	30.8
2021-06-23 16:20	12.9	34.4	35.2	12.7	15.8	35.8	14.2	30.7
2021-06-23 16:21	12.9	34.7	35.4	12.6	16.8	36.0	14.2	30.6
2021-06-23 16:22	12.8	34.9	35.7	12.6	16.5	36.1	14.1	30.6
2021-06-23 16:23	12.8	35.0	35.9	12.6	16.6	36.2	14.1	30.6

timestamp	GT-21b	GT-22b	GT-12b
2021-06-23 15:23	12.20000000000001	13.39999999999986	33.90000000000004
2021-06-23 15:24	12.20000000000001	13.33166666666655	33.90000000000004
2021-06-23 15:25	12.20000000000001	13.29999999999988	33.98
2021-06-23 15:26	12.20000000000001	13.29999999999988	34.0
2021-06-23 15:27	12.20000000000001	13.29999999999988	34.1233333333335
2021-06-23 15:28	12.20000000000001	13.29999999999988	34.36333333333344
2021-06-23 15:29	12.20000000000001	13.29999999999988	35.25333333333333
2021-06-23 15:30	12.20000000000001	13.29999999999988	36.33833333333334
2021-06-23 15:31	12.20000000000001	13.29999999999988	36.765
2021-06-23 15:32	12.20000000000001	13.29999999999988	37.03166666666624
2021-06-23 15:33	12.20000000000001	13.29999999999988	37.295
2021-06-23 15:34	12.20000000000001	13.29999999999988	37.5666666666663
2021-06-23 15:35	12.20000000000001	13.29999999999988	37.9666666666663
2021-06-23 15:36	12.20000000000001	13.29999999999988	38.61166666666665
2021-06-23 15:37	12.20000000000001	13.29999999999988	39.33333333333336
2021-06-23 15:38	12.20000000000001	13.29999999999988	39.90166666666635
2021-06-23 15:39	12.20333333333334	13.31999999999993	40.14166666666666
2021-06-23 15:40	12.29999999999999	13.39999999999986	39.73499999999985
2021-06-23 15:41	12.29999999999999	13.39999999999986	39.28499999999975
2021-06-23 15:42	12.29999999999999	13.39999999999986	38.78833333333331
2021-06-23 15:43	12.29999999999999	13.39999999999986	38.36333333333333
2021-06-23 15:44	12.29999999999999	13.39999999999986	37.95500000000004
2021-06-23 15:45	12.29999999999999	13.47833333333333	37.58666666666667
2021-06-23 15:46	12.36666666666651	13.5	37.21166666666664
2021-06-23 15:47	12.39999999999986	13.5	36.85333333333332
2021-06-23 15:48	12.39999999999986	13.5	36.54333333333344
2021-06-23 15:49	12.39999999999986	13.5	36.27833333333332
2021-06-23 15:50	12.39999999999986	13.5	35.97666666666671
2021-06-23 15:51	12.39999999999986	13.5	35.70166666666667
2021-06-23 15:52	12.39999999999986	13.5	35.43666666666671
2021-06-23 15:53	12.39999999999986	13.5	35.17499999999997
2021-06-23 15:54	12.39999999999986	13.5	34.966666666666704
2021-06-23 15:55	12.39999999999986	13.5	34.71499999999996
2021-06-23 15:56	12.39999999999986	13.5	34.51500000000001
2021-06-23 15:57	12.36666666666648	13.49333333333332	34.29833333333332
2021-06-23 15:58	12.29999999999999	13.39999999999986	34.11833333333331
2021-06-23 15:59	12.29999999999999	13.39999999999986	33.930000000000035
2021-06-23 16:00	12.29999999999999	13.39999999999986	33.773333333333326
2021-06-23 16:01	12.29999999999999	13.39999999999986	33.63999999999965
2021-06-23 16:02	12.21666666666674	13.34333333333318	33.466666666666704
2021-06-23 16:03	12.20000000000001	13.29999999999988	33.35499999999999
2021-06-23 16:04	12.20000000000001	13.29999999999988	33.14999999999996
2021-06-23 16:05	12.18166666666672	13.29999999999988	32.96833333333338
2021-06-23 16:06	12.10000000000014	13.24333333333335	32.85833333333331
2021-06-23 16:07	12.10000000000014	13.20000000000012	32.7066666666667
2021-06-23 16:08	12.10000000000014	13.20000000000012	32.58333333333333
2021-06-23 16:09	12.093333333333344	13.20000000000012	32.453333333333376
2021-06-23 16:10	12.0	13.15666666666672	32.36166666666665
2021-06-23 16:11	12.0	13.10000000000014	32.23500000000003

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timestamp	GT-21b	GT-22b	GT-12b
2021-06-23 16:12	12.0	13.100000000000014	32.14833333333333
2021-06-23 16:13	12.0	13.100000000000014	32.099999999999966
2021-06-23 16:14	11.961666666666657	13.070000000000006	32.099999999999966
2021-06-23 16:15	11.899999999999986	13.0	32.099999999999966
2021-06-23 16:16	11.899999999999986	13.0	32.099999999999966
2021-06-23 16:17	11.899999999999986	13.0	32.195000000000002
2021-06-23 16:18	11.828333333333326	12.971666666666666	32.38333333333335
2021-06-23 16:19	11.799999999999992	12.899999999999986	32.71833333333334
2021-06-23 16:20	11.799999999999992	12.899999999999986	33.061666666666665
2021-06-23 16:21	11.799999999999992	12.899999999999986	33.350000000000003
2021-06-23 16:22	11.788333333333336	12.899999999999986	33.556666666666662
2021-06-23 16:23	11.700000000000008	12.813333333333324	33.683333333333366

timestamp	GT-11b	GT-62	GT-61
2021-06-23 15:23	39.70666666666669	66.91333333333331	15.399999999999984
2021-06-23 15:24	39.8	67.58	15.399999999999984
2021-06-23 15:25	39.86333333333337	68.15166666666666	15.399999999999984
2021-06-23 15:26	39.90000000000005	68.62166666666664	15.399999999999984
2021-06-23 15:27	39.99166666666646	69.04666666666666	15.478333333333333
2021-06-23 15:28	40.21333333333374	69.44666666666667	15.5
2021-06-23 15:29	40.88833333333334	70.03333333333335	15.510000000000002
2021-06-23 15:30	42.08166666666668	71.11166666666667	15.631666666666689
2021-06-23 15:31	42.561666666666596	72.01166666666664	15.700000000000017
2021-06-23 15:32	42.81666666666684	72.72333333333336	15.700000000000017
2021-06-23 15:33	43.07666666666666	73.34833333333339	15.766666666666646
2021-06-23 15:34	43.33833333333335	73.92833333333331	15.799999999999983
2021-06-23 15:35	43.68000000000002	74.48499999999997	15.799999999999983
2021-06-23 15:36	44.29499999999995	75.17166666666668	15.876666666666653
2021-06-23 15:37	45.01333333333333	76.05166666666665	15.944999999999995
2021-06-23 15:38	45.59666666666664	76.91166666666666	16.0
2021-06-23 15:39	45.96833333333335	77.67999999999996	16.066666666666668
2021-06-23 15:40	45.62833333333332	78.05333333333334	16.100000000000016
2021-06-23 15:41	45.17499999999998	78.17833333333326	16.100000000000016
2021-06-23 15:42	44.72166666666666	78.19999999999999	16.100000000000016
2021-06-23 15:43	44.281666666666624	78.08166666666664	16.100000000000016
2021-06-23 15:44	43.871666666666655	77.84333333333334	16.100000000000016
2021-06-23 15:45	43.516666666666694	77.56333333333326	16.100000000000016
2021-06-23 15:46	43.15666666666665	77.21833333333329	16.100000000000016
2021-06-23 15:47	42.814999999999955	76.79666666666668	16.100000000000016
2021-06-23 15:48	42.48000000000004	76.35500000000003	16.100000000000016
2021-06-23 15:49	42.22499999999999	75.93166666666667	16.035000000000004
2021-06-23 15:50	41.93833333333334	75.46666666666671	16.0
2021-06-23 15:51	41.67166666666664	75.01333333333335	16.0
2021-06-23 15:52	41.421666666666724	74.61666666666662	16.0
2021-06-23 15:53	41.17333333333332	74.21999999999993	15.929999999999984
2021-06-23 15:54	40.96333333333337	73.83500000000002	15.899999999999984
2021-06-23 15:55	40.72166666666667	73.43166666666671	15.899999999999984
2021-06-23 15:56	40.50333333333334	73.03666666666665	15.854999999999974
2021-06-23 15:57	40.30833333333329	72.66499999999996	15.799999999999983
2021-06-23 15:58	40.13499999999997	72.30333333333333	15.799999999999983
2021-06-23 15:59	39.911666666666726	71.95833333333334	15.743333333333357
2021-06-23 16:00	39.74666666666665	71.63666666666664	15.700000000000017
2021-06-23 16:01	39.64166666666662	71.30833333333332	15.685000000000013
2021-06-23 16:02	40.59166666666669	71.25333333333343	15.600000000000016
2021-06-23 16:03	40.90000000000005	71.37500000000004	15.600000000000016
2021-06-23 16:04	40.73833333333332	71.40000000000005	15.525
2021-06-23 16:05	40.54000000000006	71.31166666666672	15.5
2021-06-23 16:06	40.39833333333338	71.18666666666662	15.5
2021-06-23 16:07	40.25333333333331	71.06499999999997	15.401666666666651
2021-06-23 16:08	40.156666666666645	70.95333333333336	15.399999999999984
2021-06-23 16:09	40.02000000000001	70.80166666666672	15.388333333333316
2021-06-23 16:10	39.90000000000005	70.66666666666664	15.299999999999985
2021-06-23 16:11	39.76666666666663	70.50166666666668	15.299999999999985

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timestamp	GT-11b	GT-62	GT-61
2021-06-23 16:12	39.69000000000001	70.34333333333343	15.299999999999985
2021-06-23 16:13	39.59999999999995	70.18166666666662	15.22333333333335
2021-06-23 16:14	39.53499999999999	70.09999999999995	15.200000000000015
2021-06-23 16:15	39.59999999999995	70.00833333333334	15.200000000000015
2021-06-23 16:16	39.59999999999995	70.0	15.188333333333345
2021-06-23 16:17	39.63999999999998	69.90833333333337	15.100000000000016
2021-06-23 16:18	39.77999999999994	69.91833333333336	15.100000000000016
2021-06-23 16:19	40.07166666666662	70.07833333333328	15.100000000000016
2021-06-23 16:20	40.39000000000001	70.33500000000004	15.100000000000016
2021-06-23 16:21	40.70000000000004	70.67666666666666	15.100000000000016
2021-06-23 16:22	40.90666666666668	70.99	15.100000000000016
2021-06-23 16:23	41.06666666666661	71.24666666666674	15.100000000000016



timestamp	GP-62	GP-63	GT-63
2021-06-23 15:23	24.09999999999984	9.19999999999996	7.97166666666661
2021-06-23 15:24	24.09999999999984	9.18999999999998	7.840000000000025
2021-06-23 15:25	24.09999999999984	9.17999999999996	7.780000000000003
2021-06-23 15:26	24.09999999999984	9.10000000000001	7.653333333333339
2021-06-23 15:27	24.22999999999983	9.10000000000001	7.616666666666674
2021-06-23 15:28	24.36500000000001	9.10000000000001	7.620000000000006
2021-06-23 15:29	24.965000000000007	9.120000000000006	7.693333333333329
2021-06-23 15:30	25.635000000000023	9.19999999999996	7.938333333333334
2021-06-23 15:31	25.826666666666675	9.19999999999996	8.0
2021-06-23 15:32	25.951666666666643	9.19999999999996	7.989999999999975
2021-06-23 15:33	26.148333333333362	9.19999999999996	8.0
2021-06-23 15:34	26.305000000000003	9.19999999999996	8.0
2021-06-23 15:35	26.608333333333334	9.19999999999996	8.0
2021-06-23 15:36	27.008333333333333	9.270000000000003	8.098333333333333
2021-06-23 15:37	27.521666666666654	9.300000000000004	8.23
2021-06-23 15:38	27.891666666666664	9.300000000000004	8.300000000000008
2021-06-23 15:39	28.048333333333346	9.300000000000004	8.300000000000008
2021-06-23 15:40	27.726666666666656	9.300000000000004	8.300000000000008
2021-06-23 15:41	27.458333333333357	9.300000000000004	8.214999999999993
2021-06-23 15:42	27.138333333333332	9.300000000000004	8.113333333333334
2021-06-23 15:43	26.878333333333323	9.201666666666663	8.001666666666667
2021-06-23 15:44	26.604999999999986	9.19999999999996	7.993333333333331
2021-06-23 15:45	26.398333333333312	9.19999999999996	7.959999999999992
2021-06-23 15:46	26.161666666666644	9.19999999999996	7.891666666666661
2021-06-23 15:47	25.933333333333334	9.19999999999996	7.899999999999915
2021-06-23 15:48	25.748333333333335	9.19999999999996	7.899999999999915
2021-06-23 15:49	25.613333333333323	9.19999999999996	7.878333333333332
2021-06-23 15:50	25.376666666666644	9.19999999999996	7.868333333333333
2021-06-23 15:51	25.220000000000027	9.19999999999996	7.858333333333332
2021-06-23 15:52	25.043333333333337	9.19999999999996	7.831666666666669
2021-06-23 15:53	24.894999999999982	9.188333333333333	7.810000000000004
2021-06-23 15:54	24.774999999999995	9.19999999999996	7.800000000000008
2021-06-23 15:55	24.633333333333333	9.148333333333337	7.748333333333336
2021-06-23 15:56	24.496666666666667	9.138333333333334	7.738333333333333
2021-06-23 15:57	24.371666666666665	9.100000000000001	7.699999999999992
2021-06-23 15:58	24.274999999999995	9.100000000000001	7.699999999999992
2021-06-23 15:59	24.111666666666654	9.100000000000001	7.633333333333341
2021-06-23 16:00	24.028333333333332	9.100000000000001	7.600000000000008
2021-06-23 16:01	23.983333333333334	9.100000000000001	7.600000000000008
2021-06-23 16:02	24.483333333333334	9.100000000000001	7.664999999999994
2021-06-23 16:03	24.485000000000014	9.100000000000001	7.699999999999992
2021-06-23 16:04	24.368333333333307	9.100000000000001	7.6066666666666745
2021-06-23 16:05	24.250000000000018	9.100000000000001	7.600000000000008
2021-06-23 16:06	24.169999999999984	9.100000000000001	7.556666666666669
2021-06-23 16:07	24.099999999999984	9.043333333333335	7.443333333333329
2021-06-23 16:08	24.02	9.008333333333333	7.399999999999915
2021-06-23 16:09	23.958333333333357	9.0	7.361666666666667
2021-06-23 16:10	23.900000000000016	9.0	7.283333333333341
2021-06-23 16:11	23.814999999999976	9.0	7.241666666666668

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timestamp	GP-62	GP-63	GT-63
2021-06-23 16:12	23.799999999999972	9.0	7.25
2021-06-23 16:13	23.705000000000027	9.0	7.199999999999992
2021-06-23 16:14	23.700000000000028	9.0	7.199999999999992
2021-06-23 16:15	23.700000000000028	9.0	7.199999999999992
2021-06-23 16:16	23.700000000000028	9.0	7.199999999999992
2021-06-23 16:17	23.753333333333313	9.0	7.199999999999992
2021-06-23 16:18	23.840000000000018	9.0	7.199999999999992
2021-06-23 16:19	24.023333333333331	9.0	7.199999999999992
2021-06-23 16:20	24.214999999999986	9.0	7.199999999999992
2021-06-23 16:21	24.380000000000017	9.0	7.199999999999992
2021-06-23 16:22	24.48	9.0	7.226666666666663
2021-06-23 16:23	24.57666666666665	9.0	7.199999999999992

DRALOD ORDP D6.2 Annex 1

timestamp	GT-64	EV%	EV_step
2021-06-23 15:23	41.5	56.0966666666667	26.9266666666667
2021-06-23 15:24	41.5	55.76333333333335	26.77
2021-06-23 15:25	41.53999999999964	55.28999999999985	26.53833333333336
2021-06-23 15:26	41.59999999999995	55.25499999999997	26.525
2021-06-23 15:27	41.73000000000003	55.39999999999993	26.59499999999995
2021-06-23 15:28	41.97833333333331	55.01000000000005	26.40666666666684
2021-06-23 15:29	42.96000000000001	54.51999999999999	26.16666666666682
2021-06-23 15:30	44.04166666666664	54.06333333333336	25.94166666666656
2021-06-23 15:31	44.32666666666667	53.85833333333337	25.83333333333307
2021-06-23 15:32	44.54666666666624	53.50166666666669	25.69499999999999
2021-06-23 15:33	44.84166666666668	53.23833333333328	25.56666666666666
2021-06-23 15:34	45.07999999999993	53.13500000000004	25.50666666666685
2021-06-23 15:35	45.53	52.67666666666663	25.28666666666667
2021-06-23 15:36	46.17166666666666	52.36666666666666	25.13166666666668
2021-06-23 15:37	46.91999999999996	52.00666666666667	24.95166666666668
2021-06-23 15:38	47.49000000000001	51.41166666666667	24.67499999999999
2021-06-23 15:39	47.72166666666664	51.34500000000004	24.63833333333314
2021-06-23 15:40	47.24166666666666	51.39166666666667	24.65166666666665
2021-06-23 15:41	46.79333333333294	51.40166666666672	24.65833333333317
2021-06-23 15:42	46.35499999999999	51.59166666666668	24.75000000000014
2021-06-23 15:43	45.95166666666668	52.08000000000001	24.98999999999999
2021-06-23 15:44	45.56999999999986	52.21666666666704	25.05666666666636
2021-06-23 15:45	45.19166666666665	52.47833333333325	25.18833333333354
2021-06-23 15:46	44.86333333333333	52.91166666666704	25.40333333333334
2021-06-23 15:47	44.49166666666672	53.19333333333385	25.54666666666642
2021-06-23 15:48	44.24833333333333	53.54166666666671	25.71000000000004
2021-06-23 15:49	43.97333333333338	53.69833333333334	25.77000000000003
2021-06-23 15:50	43.61499999999999	53.76833333333334	25.80666666666658
2021-06-23 15:51	43.38500000000006	54.04500000000002	25.93333333333326
2021-06-23 15:52	43.13333333333333	54.48166666666666	26.14666666666672
2021-06-23 15:53	42.83333333333328	54.37333333333333	26.09833333333335
2021-06-23 15:54	42.62833333333333	54.59999999999945	26.20000000000028
2021-06-23 15:55	42.43333333333394	54.95833333333334	26.375
2021-06-23 15:56	42.20833333333333	54.96499999999996	26.38333333333334
2021-06-23 15:57	41.99833333333356	55.03999999999997	26.42000000000001
2021-06-23 15:58	41.82166666666662	55.19999999999995	26.5
2021-06-23 15:59	41.59166666666663	55.27666666666706	26.53666666666637
2021-06-23 16:00	41.42000000000006	55.49666666666668	26.64166666666655
2021-06-23 16:01	41.30166666666666	55.30666666666665	26.55000000000004
2021-06-23 16:02	42.17499999999999	54.92500000000004	26.36333333333358
2021-06-23 16:03	42.18500000000001	54.85333333333338	26.32666666666636
2021-06-23 16:04	41.97333333333336	54.85166666666665	26.32833333333333
2021-06-23 16:05	41.78166666666664	54.85000000000006	26.32666666666643
2021-06-23 16:06	41.66999999999995	54.82666666666675	26.31333333333347
2021-06-23 16:07	41.50666666666667	54.79666666666669	26.30166666666667
2021-06-23 16:08	41.40333333333334	54.81500000000055	26.30666666666647
2021-06-23 16:09	41.25833333333333	54.78333333333296	26.29499999999999
2021-06-23 16:10	41.19999999999996	54.89166666666672	26.34333333333305
2021-06-23 16:11	41.07833333333331	55.13499999999984	26.46333333333335

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timestamp	GT-64	EV%	EV_step
2021-06-23 16:12	41.0	54.84166666666668	26.32333333333333
2021-06-23 16:13	40.905000000000044	54.850000000000065	26.326666666666643
2021-06-23 16:14	40.900000000000005	55.131666666666675	26.464999999999996
2021-06-23 16:15	40.900000000000005	54.819999999999994	26.31333333333333
2021-06-23 16:16	40.900000000000005	54.975000000000016	26.388333333333332
2021-06-23 16:17	40.95333333333333	54.776666666666672	26.288333333333306
2021-06-23 16:18	41.119999999999997	54.800000000000005	26.299999999999972
2021-06-23 16:19	41.391666666666669	54.603333333333334	26.206666666666666
2021-06-23 16:20	41.726666666666668	54.361666666666664	26.084999999999987
2021-06-23 16:21	42.016666666666664	54.199999999999995	26.0
2021-06-23 16:22	42.215000000000046	53.846666666666667	25.841666666666665
2021-06-23 16:23	42.3766666666666715	53.826666666666671	25.813333333333308

DRALOD ORDP D6.2 Annex 1

timestamp	CP10	CP20	GT-21c	GT-11c	T_Evap_c	T_Cond_c
2021-06-23 15:23	600.0	1000.0	2021-06-11	39.0	-0.8	52.8
2021-06-23 15:24	600.0	1000.0	2021-06-11	39.2	-0.8	52.7
2021-06-23 15:25	600.0	1000.0	2021-06-11	39.3	-0.7	52.5
2021-06-23 15:26	600.0	1000.0	2021-06-11	39.3	-0.6	52.4
2021-06-23 15:27	600.0	1000.0	2021-06-11	39.5	-0.5	52.5
2021-06-23 15:28	600.0	1000.0	2021-06-11	39.7	-0.2	52.6
2021-06-23 15:29	600.0	1000.0	2021-06-11	40.7	0.8	52.7
2021-06-23 15:30	600.0	1000.0	2021-06-11	41.5	1.1	52.7
2021-06-23 15:31	600.0	1000.0	2021-06-11	41.9	1.3	52.9
2021-06-23 15:32	600.0	1000.0	2021-06-11	42.2	1.5	52.9
2021-06-23 15:33	600.0	1000.0	2021-06-11	42.4	1.6	52.8
2021-06-23 15:34	600.0	1000.0	2021-06-11	42.7	1.8	52.9
2021-06-23 15:35	600.0	1000.0	2021-07-11	43.1	2.3	52.9
2021-06-23 15:36	600.0	1000.0	2021-07-11	43.7	2.8	53.1
2021-06-23 15:37	600.0	1000.0	2021-07-11	44.4	3.2	53.4
2021-06-23 15:38	600.0	1000.0	2021-07-11	45.0	3.6	53.6
2021-06-23 15:39	600.0	1000.0	2021-07-11	45.1	3.4	53.4
2021-06-23 15:40	600.0	1000.0	2021-07-11	44.7	3.0	53.2
2021-06-23 15:41	600.0	1000.0	2021-08-11	44.4	2.7	53.1
2021-06-23 15:42	600.0	1000.0	2021-08-11	43.9	2.4	52.9
2021-06-23 15:43	600.0	1000.0	2021-08-11	43.5	2.1	52.9
2021-06-23 15:44	600.0	1000.0	2021-08-11	43.2	1.9	52.7
2021-06-23 15:45	600.0	1000.0	2021-08-11	42.8	1.7	52.8
2021-06-23 15:46	600.0	1000.0	2021-08-11	42.5	1.4	52.8
2021-06-23 15:47	600.0	1000.0	2021-08-11	42.1	1.2	52.7
2021-06-23 15:48	600.0	1000.0	2021-08-11	41.8	1.0	52.7
2021-06-23 15:49	600.0	1000.0	2021-08-11	41.6	0.8	52.6
2021-06-23 15:50	600.0	1000.0	2021-08-11	41.3	0.6	52.7
2021-06-23 15:51	600.0	1000.0	2021-08-11	41.0	0.5	52.7
2021-06-23 15:52	600.0	1000.0	2021-08-11	40.7	0.3	52.5
2021-06-23 15:53	600.0	1000.0	2021-08-11	40.5	0.1	52.6
2021-06-23 15:54	600.0	1000.0	2021-08-11	40.3	-0.1	52.6
2021-06-23 15:55	600.0	1000.0	2021-08-11	40.1	-0.3	52.5
2021-06-23 15:56	600.0	1000.0	2021-07-11	39.9	-0.3	52.5
2021-06-23 15:57	600.0	1000.0	2021-07-11	39.7	-0.5	52.5
2021-06-23 15:58	600.0	1000.0	2021-07-11	39.5	-0.6	52.5
2021-06-23 15:59	600.0	1000.0	2021-07-11	39.3	-0.8	52.3
2021-06-23 16:00	600.0	1000.0	2021-07-11	39.2	-0.9	52.3
2021-06-23 16:01	576.6666666666666	1000.0	2021-06-11	39.0	-0.5	52.5
2021-06-23 16:02	500.0	1000.0	2021-06-11	40.1	-0.3	52.5
2021-06-23 16:03	500.0	1000.0	2021-06-11	40.3	-0.4	52.4
2021-06-23 16:04	500.0	1000.0	2021-05-11	40.1	-0.5	52.3
2021-06-23 16:05	500.0	1000.0	2021-05-11	39.9	-0.6	52.3
2021-06-23 16:06	500.0	1000.0	2021-05-11	39.8	-0.7	52.2
2021-06-23 16:07	500.0	1000.0	2021-05-11	39.7	-0.8	52.1
2021-06-23 16:08	500.0	1000.0	2021-04-11	39.5	-0.9	52.0
2021-06-23 16:09	500.0	1000.0	2021-04-11	39.4	-1.0	52.0
2021-06-23 16:10	500.0	1000.0	2021-04-11	39.2	-1.0	51.8
2021-06-23 16:11	500.0	1000.0	2021-04-11	39.1	-1.2	51.9

## DRALOD ORDP D6.2 Annex 1

timestamp	CP10	CP20	GT-21c	GT-11c	T_Evap_c	T_Cond_c
2021-06-23 16:12	500.0	1000.0	2021-03-11	39.0	-1.2	51.8
2021-06-23 16:13	500.0	1000.0	2021-03-11	38.9	-1.2	51.7
2021-06-23 16:14	500.0	1000.0	2021-03-11	38.9	-1.2	51.8
2021-06-23 16:15	500.0	1000.0	2021-03-11	38.9	-1.2	51.8
2021-06-23 16:16	500.0	1000.0	2021-03-11	38.9	-1.2	51.8
2021-06-23 16:17	500.0	1000.0	2021-02-11	38.9	-1.1	51.7
2021-06-23 16:18	500.0	1000.0	2021-02-11	39.1	-0.9	51.8
2021-06-23 16:19	500.0	1000.0	2021-02-11	39.3	-0.7	51.9
2021-06-23 16:20	500.0	1000.0	2021-02-11	39.6	-0.5	51.8
2021-06-23 16:21	500.0	1000.0	2021-02-11	39.9	-0.3	51.7
2021-06-23 16:22	500.0	1000.0	2021-01-11	40.1	-0.2	51.9
2021-06-23 16:23	500.0	1000.0	2021-01-11	40.2	-0.2	51.8

timestamp	Isentropic efficiency	Compressor Power	Heat output	COP heat
2021-06-23 15:23	611.4	2021-01-01	29.2	26.54
2021-06-23 15:24	520.3	2021-02-01	25.5	22.75
2021-06-23 15:25	447.9	2021-02-01	22.5	19.84
2021-06-23 15:26	405.1	2021-02-01	20.9	18.06
2021-06-23 15:27	385.9	2021-01-01	18.4	17.24
2021-06-23 15:28	361.0	2021-02-01	17.6	16.25
2021-06-23 15:29	303.7	2021-02-01	16.1	13.99
2021-06-23 15:30	269.1	2021-03-01	14.5	12.52
2021-06-23 15:31	254.2	2021-04-01	15.4	11.87
2021-06-23 15:32	234.7	2021-04-01	14.1	11.06
2021-06-23 15:33	219.1	2021-03-01	12.2	10.41
2021-06-23 15:34	207.0	2021-03-01	11.2	9.9
2021-06-23 15:35	194.5	2021-03-01	11.0	9.41
2021-06-23 15:36	180.6	2021-05-01	11.5	8.84
2021-06-23 15:37	172.0	2021-05-01	11.1	8.46
2021-06-23 15:38	162.0	2021-03-01	9.5	8.03
2021-06-23 15:39	156.1	2021-03-01	9.2	7.76
2021-06-23 15:40	155.3	2021-05-01	10.1	7.71
2021-06-23 15:41	156.7	2021-03-01	8.9	7.76
2021-06-23 15:42	158.4	2021-05-01	10.2	7.84
2021-06-23 15:43	162.2	2021-05-01	10.4	7.98
2021-06-23 15:44	164.3	2021-05-01	10.4	8.07
2021-06-23 15:45	171.0	2021-03-01	9.4	8.33
2021-06-23 15:46	177.1	2021-03-01	10.2	8.57
2021-06-23 15:47	184.5	2021-03-01	10.0	8.88
2021-06-23 15:48	189.7	2021-02-01	10.0	9.09
2021-06-23 15:49	196.0	2021-04-01	11.9	9.34
2021-06-23 15:50	206.6	2021-03-01	11.6	9.76
2021-06-23 15:51	213.5	2021-03-01	12.1	10.05
2021-06-23 15:52	219.0	2021-03-01	11.8	10.28
2021-06-23 15:53	230.3	2021-03-01	12.5	10.73
2021-06-23 15:54	240.8	2021-04-01	14.0	11.16
2021-06-23 15:55	250.0	2021-03-01	13.2	11.52
2021-06-23 15:56	258.7	2021-04-01	14.8	11.9
2021-06-23 15:57	271.8	2021-02-01	14.0	12.43
2021-06-23 15:58	282.1	2021-02-01	14.4	12.83
2021-06-23 15:59	287.8	2021-03-01	16.3	13.09
2021-06-23 16:00	298.3	2021-02-01	15.2	13.51
2021-06-23 16:01	304.7	2021-02-01	15.9	13.88
2021-06-23 16:02	290.5	2021-02-01	15.2	13.38
2021-06-23 16:03	289.0	2021-03-01	16.6	13.31
2021-06-23 16:04	290.2	2021-04-01	16.8	13.36
2021-06-23 16:05	293.5	2021-03-01	16.7	13.49
2021-06-23 16:06	294.1	2021-03-01	16.7	13.52
2021-06-23 16:07	294.3	2021-02-01	14.9	13.54
2021-06-23 16:08	299.0	2021-02-01	15.6	13.75
2021-06-23 16:09	302.4	2021-03-01	17.1	13.88
2021-06-23 16:10	301.6	2021-03-01	16.9	13.86
2021-06-23 16:11	312.8	2021-03-01	17.0	14.3

timestamp	Isentropic efficiency	Compressor Power	Heat output	COP heat
2021-06-23 16:12	313.1	2021-02-01	15.8	14.34
2021-06-23 16:13	312.6	2021-01-01	15.1	14.32
2021-06-23 16:14	318.8	2021-02-01	16.6	14.57
2021-06-23 16:15	323.9	2021-03-01	18.1	14.78
2021-06-23 16:16	322.3	2021-03-01	17.9	14.72
2021-06-23 16:17	314.2	2021-03-01	17.8	14.42
2021-06-23 16:18	310.1	2021-03-01	17.1	14.27
2021-06-23 16:19	303.5	2021-03-01	17.2	14.0
2021-06-23 16:20	286.9	2021-03-01	16.0	13.33
2021-06-23 16:21	272.7	2021-02-01	14.1	12.75
2021-06-23 16:22	267.7	2021-03-01	15.3	12.53
2021-06-23 16:23	258.0	2021-02-01	13.6	12.13



## DRALOD ORDP D6.2 Annex 1

timestamp	Cold output
2021-06-23 15:23	30.3
2021-06-23 15:24	26.6
2021-06-23 15:25	23.6
2021-06-23 15:26	22.0
2021-06-23 15:27	19.5
2021-06-23 15:28	18.7
2021-06-23 15:29	17.2
2021-06-23 15:30	15.6
2021-06-23 15:31	16.7
2021-06-23 15:32	15.4
2021-06-23 15:33	13.4
2021-06-23 15:34	12.4
2021-06-23 15:35	12.2
2021-06-23 15:36	12.8
2021-06-23 15:37	12.4
2021-06-23 15:38	10.8
2021-06-23 15:39	10.4
2021-06-23 15:40	11.5
2021-06-23 15:41	10.2
2021-06-23 15:42	11.6
2021-06-23 15:43	11.8
2021-06-23 15:44	11.7
2021-06-23 15:45	10.6
2021-06-23 15:46	11.4
2021-06-23 15:47	11.2
2021-06-23 15:48	11.2
2021-06-23 15:49	13.3
2021-06-23 15:50	12.8
2021-06-23 15:51	13.4
2021-06-23 15:52	13.0
2021-06-23 15:53	13.7
2021-06-23 15:54	15.3
2021-06-23 15:55	14.4
2021-06-23 15:56	16.1
2021-06-23 15:57	15.2
2021-06-23 15:58	15.5
2021-06-23 15:59	17.5
2021-06-23 16:00	16.3
2021-06-23 16:01	17.1
2021-06-23 16:02	16.3
2021-06-23 16:03	17.8
2021-06-23 16:04	18.0
2021-06-23 16:05	17.9
2021-06-23 16:06	18.0
2021-06-23 16:07	16.0
2021-06-23 16:08	16.8
2021-06-23 16:09	18.3
2021-06-23 16:10	18.2
2021-06-23 16:11	18.2

DRALOD ORDP D6.2 Annex 1

timestamp	Cold output
2021-06-23 16:12	16.9
2021-06-23 16:13	16.2
2021-06-23 16:14	17.8
2021-06-23 16:15	19.4
2021-06-23 16:16	19.1
2021-06-23 16:17	19.0
2021-06-23 16:18	18.3
2021-06-23 16:19	18.5
2021-06-23 16:20	17.2
2021-06-23 16:21	15.2
2021-06-23 16:22	16.5
2021-06-23 16:23	14.7

## DRALOD ORDP D6.2 Annex 1

timestamp	GF-40	GF-50	GRh-50	GRh-40	GRh-51	GdP-50	GdP-40	GdP-31
2021-06-23 17:23	160.1	198.2	36.19	23.32	20.2	12.67	2517.7	0.9
2021-06-23 17:24	161.8	195.4	37.08	23.97	20.6	12.8	2517.47	0.9
2021-06-23 17:25	162.1	196.8	37.34	23.78	20.3	12.65	2517.63	0.9
2021-06-23 17:26	160.7	200.9	35.3	24.23	20.6	12.52	2517.19	0.9
2021-06-23 17:27	161.4	200.6	35.81	24.07	20.2	12.44	2517.44	0.9
2021-06-23 17:28	160.8	201.3	35.74	24.17	20.0	12.58	2517.6	0.9
2021-06-23 17:29	160.1	201.3	35.24	24.45	19.4	12.76	2517.8	0.9
2021-06-23 17:30	161.1	200.6	35.34	24.43	19.1	12.81	2517.58	0.9
2021-06-23 17:31	160.7	197.8	36.37	23.99	18.7	12.91	2517.48	0.9
2021-06-23 17:32	160.4	196.1	36.78	23.14	18.6	12.83	2517.64	0.9
2021-06-23 17:33	162.1	195.8	35.58	23.32	18.3	12.86	2517.81	0.9
2021-06-23 17:34	160.4	195.8	35.4	22.95	18.0	12.58	2517.27	0.9
2021-06-23 17:35	163.1	197.5	35.55	22.95	18.0	12.67	2517.9	0.9
2021-06-23 17:36	161.7	201.3	35.22	23.4	18.1	12.65	2517.93	0.9
2021-06-23 17:37	160.7	200.9	36.13	24.19	18.1	12.89	2518.12	0.9
2021-06-23 17:38	161.7	200.9	35.58	23.65	17.5	12.58	2518.28	0.9
2021-06-23 17:39	161.1	190.9	35.46	23.63	17.9	13.0	2517.82	0.9
2021-06-23 17:40	162.1	190.9	34.62	23.86	17.5	13.14	2517.62	0.91
2021-06-23 17:41	160.7	186.8	34.9	24.3	17.8	13.07	2518.17	0.9
2021-06-23 17:42	162.1	188.5	34.58	24.01	16.9	12.91	2517.79	0.91
2021-06-23 17:43	161.4	188.9	34.73	24.39	17.4	12.95	2517.86	0.91
2021-06-23 17:44	162.4	192.0	35.34	25.12	16.8	13.0	2517.43	0.91
2021-06-23 17:45	161.7	178.6	34.95	25.52	17.2	12.34	2517.41	0.91
2021-06-23 17:46	160.4	162.0	35.05	27.97	17.5	12.23	2516.47	0.94
2021-06-23 17:47	160.7	159.9	34.34	29.64	17.9	12.67	2518.59	0.89
2021-06-23 17:48	161.4	160.6	35.47	31.68	17.9	12.51	2518.52	0.88
2021-06-23 17:49	159.7	160.3	33.79	34.05	17.8	12.41	2518.63	0.86
2021-06-23 17:50	160.7	158.2	34.98	35.8	17.2	12.37	2518.59	0.9
2021-06-23 17:51	160.7	157.9	34.29	37.13	17.3	12.52	2518.69	0.9
2021-06-23 17:52	163.1	155.1	34.61	37.61	17.2	12.78	2518.59	0.9
2021-06-23 17:53	161.4	156.8	34.29	37.57	17.1	12.57	2518.64	0.9

## DRALOD ORDP D6.2 Annex 1

timestamp	GdP-30	GT-50	GT-40	GT-11	GT-23	GT-24	GT-22	GT-21
2021-06-23 17:23	0.04	22.09	33.37	39.4	13.7	15.2	15.8	13.5
2021-06-23 17:24	0.04	22.11	33.04	39.2	13.6	15.1	15.6	13.5
2021-06-23 17:25	0.04	21.92	33.02	39.0	13.5	15.0	15.5	13.4
2021-06-23 17:26	0.04	22.88	32.9	39.1	13.5	15.0	15.4	13.3
2021-06-23 17:27	0.04	22.39	32.76	39.5	13.4	14.9	15.3	13.3
2021-06-23 17:28	0.04	22.58	32.69	40.7	13.4	14.9	15.2	13.2
2021-06-23 17:29	0.04	22.73	32.44	41.5	13.3	14.8	15.1	13.2
2021-06-23 17:30	0.05	22.69	32.49	41.8	13.3	14.7	15.1	13.1
2021-06-23 17:31	0.04	22.36	32.74	41.8	13.2	14.7	15.0	13.1
2021-06-23 17:32	0.04	21.99	33.15	41.9	13.1	14.6	14.9	13.0
2021-06-23 17:33	0.05	22.35	33.12	42.0	13.1	14.5	14.8	12.9
2021-06-23 17:34	0.05	22.27	33.16	42.1	13.0	14.4	14.8	12.9
2021-06-23 17:35	0.05	22.33	33.29	42.1	12.9	14.4	14.7	12.8
2021-06-23 17:36	0.04	22.85	32.91	42.3	12.9	14.3	14.6	12.7
2021-06-23 17:37	0.04	22.34	32.29	42.7	12.8	14.2	14.5	12.6
2021-06-23 17:38	0.05	22.5	32.54	43.0	12.7	14.1	14.5	12.6
2021-06-23 17:39	0.05	22.54	32.38	43.2	12.7	14.1	14.4	12.5
2021-06-23 17:40	0.05	22.74	31.94	43.4	12.6	14.0	14.3	12.5
2021-06-23 17:41	0.05	23.01	31.69	43.6	12.5	13.9	14.2	12.4
2021-06-23 17:42	0.05	22.58	31.55	43.7	12.5	13.9	14.2	12.3
2021-06-23 17:43	0.05	22.36	31.12	43.8	12.4	13.8	14.1	12.3
2021-06-23 17:44	0.03	22.08	30.62	43.9	12.3	13.6	14.0	12.2
2021-06-23 17:45	0.04	22.13	29.93	44.0	12.2	13.5	13.9	12.1
2021-06-23 17:46	0.04	22.19	29.16	44.1	12.1	13.4	13.8	12.0
2021-06-23 17:47	0.02	22.62	28.75	44.4	12.0	13.1	13.7	11.9
2021-06-23 17:48	0.0	22.54	28.82	44.6	11.8	12.6	13.4	11.7
2021-06-23 17:49	0.0	22.81	28.68	44.7	11.6	12.4	13.2	11.4
2021-06-23 17:50	0.0	22.27	28.73	44.8	11.3	12.2	12.9	11.2
2021-06-23 17:51	0.0	22.53	28.68	44.9	11.1	12.0	12.7	11.0
2021-06-23 17:52	0.0	22.39	28.65	45.1	10.9	11.9	12.5	10.8
2021-06-23 17:53	0.0	22.48	28.54	45.2	10.7	11.7	12.3	10.6

## DRALOD ORDP D6.2 Annex 1

timestamp	GT-25	GT-12	GT-14	GT-31	GT-30	GT-51	GT-41	GT-42
2021-06-23 17:23	15.9	30.8	34.5	15.2	18.5	35.4	17.0	33.2
2021-06-23 17:24	15.7	30.9	34.5	15.1	18.6	35.4	17.0	33.1
2021-06-23 17:25	15.5	31.1	34.5	15.0	17.4	35.4	16.9	33.1
2021-06-23 17:26	15.4	31.6	34.5	15.0	17.7	35.2	16.9	33.0
2021-06-23 17:27	15.3	33.0	34.4	14.9	17.2	35.4	16.8	32.9
2021-06-23 17:28	15.2	34.1	34.5	14.8	17.2	35.6	16.8	32.9
2021-06-23 17:29	15.2	34.4	35.0	14.8	17.6	36.2	16.8	32.9
2021-06-23 17:30	15.1	34.4	35.9	14.7	17.0	36.5	16.8	32.8
2021-06-23 17:31	15.0	34.4	36.3	14.7	16.9	36.7	16.7	32.8
2021-06-23 17:32	14.9	34.5	36.4	14.6	16.9	36.9	16.5	32.8
2021-06-23 17:33	14.9	34.6	36.4	14.5	16.7	36.9	16.4	32.7
2021-06-23 17:34	14.8	34.7	36.6	14.5	16.9	37.1	16.4	32.6
2021-06-23 17:35	14.7	34.9	36.5	14.4	17.8	37.1	16.3	32.6
2021-06-23 17:36	14.6	35.3	36.6	14.3	17.2	37.2	16.3	32.5
2021-06-23 17:37	14.6	35.6	36.7	14.2	16.5	37.2	16.3	32.4
2021-06-23 17:38	14.5	36.0	36.9	14.2	16.4	37.5	16.3	32.5
2021-06-23 17:39	14.4	36.2	37.2	14.1	16.3	37.5	16.2	32.4
2021-06-23 17:40	14.3	36.3	37.5	14.0	16.2	37.7	16.2	32.4
2021-06-23 17:41	14.3	36.5	37.8	14.0	16.2	37.8	16.2	32.4
2021-06-23 17:42	14.2	36.6	37.9	13.9	17.4	37.9	16.2	32.4
2021-06-23 17:43	14.1	36.7	37.9	13.8	16.5	38.0	16.2	32.4
2021-06-23 17:44	14.1	36.8	38.0	13.6	16.4	38.0	16.2	32.3
2021-06-23 17:45	13.9	37.0	38.2	13.5	16.1	38.0	16.1	32.3
2021-06-23 17:46	13.8	37.3	38.7	13.4	16.0	37.8	16.0	32.4
2021-06-23 17:47	13.7	37.5	39.1	13.2	15.8	37.8	16.0	32.3
2021-06-23 17:48	13.4	37.7	39.3	12.8	17.3	37.9	16.0	32.4
2021-06-23 17:49	13.2	37.8	39.5	12.5	16.7	38.0	16.0	32.4
2021-06-23 17:50	12.9	37.9	39.7	12.3	15.7	38.2	15.9	32.3
2021-06-23 17:51	12.7	38.1	39.7	12.1	15.8	38.2	15.8	32.3
2021-06-23 17:52	12.5	38.3	39.8	11.9	16.6	38.2	15.7	32.2
2021-06-23 17:53	12.4	38.6	40.0	11.8	17.0	38.3	15.7	32.2

DRALOD ORDP D6.2 Annex 1

timestamp	GT-21b	GT-22b	GT-12b
2021-06-23 17:23	13.893333333333317	15.686666666666676	29.680000000000028
2021-06-23 17:24	13.776666666666676	15.541666666666668	29.705000000000027
2021-06-23 17:25	13.700000000000012	15.409999999999986	29.929999999999982
2021-06-23 17:26	13.733333333333315	15.301666666666652	30.451666666666647
2021-06-23 17:27	13.799999999999988	15.200000000000015	31.606666666666667
2021-06-23 17:28	13.791666666666663	15.133333333333347	32.588333333333333
2021-06-23 17:29	13.700000000000012	15.061666666666673	32.974999999999994
2021-06-23 17:30	13.700000000000012	15.0	33.099999999999996
2021-06-23 17:31	13.613333333333347	14.919999999999986	33.124999999999999
2021-06-23 17:32	13.558333333333337	14.866666666666644	33.221666666666668
2021-06-23 17:33	13.5	14.796666666666654	33.306666666666664
2021-06-23 17:34	13.5	14.700000000000015	33.436666666666675
2021-06-23 17:35	13.429999999999984	14.631666666666668	33.596666666666664
2021-06-23 17:36	13.379999999999983	14.568333333333334	33.916666666666666
2021-06-23 17:37	13.299999999999988	14.5	34.243333333333354
2021-06-23 17:38	13.265000000000002	14.418333333333319	34.571666666666665
2021-06-23 17:39	13.200000000000012	14.356666666666644	34.794999999999995
2021-06-23 17:40	13.121666666666668	14.299999999999986	34.956666666666666
2021-06-23 17:41	13.026666666666666	14.221666666666682	35.068333333333329
2021-06-23 17:42	12.976666666666661	14.165000000000004	35.200000000000024
2021-06-23 17:43	12.899999999999986	14.100000000000014	35.325
2021-06-23 17:44	12.886666666666665	14.02	35.445
2021-06-23 17:45	12.789999999999997	13.904999999999985	35.589999999999998
2021-06-23 17:46	12.676666666666671	13.803333333333332	35.860000000000035
2021-06-23 17:47	12.550000000000002	13.670000000000005	36.063333333333328
2021-06-23 17:48	12.291666666666686	13.414999999999981	36.243333333333334
2021-06-23 17:49	12.04	13.188333333333338	36.381666666666667
2021-06-23 17:50	11.811666666666676	12.944999999999988	36.499999999999999
2021-06-23 17:51	11.611666666666675	12.731666666666678	36.680000000000035
2021-06-23 17:52	11.418333333333317	12.536666666666665	36.900000000000006
2021-06-23 17:53	11.260000000000014	12.354999999999984	37.183333333333366

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timestamp	GT-11b	GT-62	GT-61
2021-06-23 17:23	38.39166666666672	57.406666666666666	17.326666666666647
2021-06-23 17:24	38.19333333333332	58.395	17.20000000000002
2021-06-23 17:25	38.12999999999974	59.45833333333335	17.11666666666668
2021-06-23 17:26	38.395	60.67000000000001	17.100000000000016
2021-06-23 17:27	39.205000000000005	62.13166666666668	17.100000000000016
2021-06-23 17:28	40.280000000000001	63.67333333333335	17.100000000000016
2021-06-23 17:29	40.73833333333335	64.94333333333334	17.100000000000016
2021-06-23 17:30	40.86333333333337	66.06500000000001	17.061666666666675
2021-06-23 17:31	40.900000000000005	66.94333333333333	17.0
2021-06-23 17:32	40.94833333333334	67.60999999999999	16.953333333333322
2021-06-23 17:33	41.03166666666664	68.19000000000003	16.899999999999984
2021-06-23 17:34	41.14666666666664	68.65499999999999	16.833333333333331
2021-06-23 17:35	41.275000000000006	69.09999999999995	16.799999999999998
2021-06-23 17:36	41.518333333333329	69.54499999999997	16.770000000000007
2021-06-23 17:37	41.83166666666668	70.02999999999997	16.700000000000002
2021-06-23 17:38	42.13166666666665	70.58166666666665	16.700000000000002
2021-06-23 17:39	42.36333333333338	71.09666666666664	16.63166666666668
2021-06-23 17:40	42.48166666666665	71.55166666666659	16.600000000000016
2021-06-23 17:41	42.648333333333305	71.91666666666671	16.561666666666675
2021-06-23 17:42	42.733333333333384	72.24666666666673	16.5
2021-06-23 17:43	42.875000000000004	72.57333333333327	16.476666666666663
2021-06-23 17:44	42.945000000000014	72.87166666666668	16.399999999999984
2021-06-23 17:45	43.05499999999995	73.16833333333333	16.328333333333315
2021-06-23 17:46	43.270000000000001	73.51333333333329	16.265000000000015
2021-06-23 17:47	43.455000000000005	73.85333333333337	16.175000000000001
2021-06-23 17:48	43.61999999999994	74.15499999999994	15.984999999999999
2021-06-23 17:49	43.71833333333338	74.425000000000005	15.771666666666686
2021-06-23 17:50	43.81333333333334	74.70833333333336	15.550000000000004
2021-06-23 17:51	43.93333333333335	74.98333333333335	15.349999999999977
2021-06-23 17:52	44.10666666666666	75.33833333333337	15.188333333333343
2021-06-23 17:53	44.328333333333354	75.760000000000005	15.048333333333337

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timestamp	GP-62	GP-63	GT-63
2021-06-23 17:23	22.591666666666654	10.428333333333317	11.799999999999999
2021-06-23 17:24	22.599999999999987	10.171666666666667	10.984999999999998
2021-06-23 17:25	22.656666666666688	9.968333333333327	10.404999999999998
2021-06-23 17:26	22.951666666666665	9.833333333333336	9.996666666666657
2021-06-23 17:27	23.631666666666668	9.800000000000002	9.831666666666669
2021-06-23 17:28	24.186666666666666	9.800000000000002	9.778333333333343
2021-06-23 17:29	24.383333333333347	9.736666666666668	9.630000000000006
2021-06-23 17:30	24.400000000000002	9.699999999999998	9.489999999999998
2021-06-23 17:31	24.400000000000002	9.633333333333345	9.331666666666672
2021-06-23 17:32	24.468333333333333	9.615000000000009	9.258333333333335
2021-06-23 17:33	24.529999999999973	9.600000000000012	9.199999999999996
2021-06-23 17:34	24.661666666666697	9.600000000000012	9.148333333333342
2021-06-23 17:35	24.759999999999973	9.588333333333342	9.088333333333334
2021-06-23 17:36	24.919999999999999	9.506666666666666	9.006666666666666
2021-06-23 17:37	25.101666666666688	9.5	9.0
2021-06-23 17:38	25.286666666666655	9.5	8.966666666666665
2021-06-23 17:39	25.400000000000002	9.5	8.898333333333333
2021-06-23 17:40	25.466666666666666	9.474999999999996	8.785000000000005
2021-06-23 17:41	25.569999999999998	9.466666666666661	8.785000000000002
2021-06-23 17:42	25.601666666666645	9.411666666666656	8.711666666666666
2021-06-23 17:43	25.700000000000028	9.399999999999999	8.688333333333329
2021-06-23 17:44	25.761666666666642	9.399999999999999	8.626666666666674
2021-06-23 17:45	25.818333333333333	9.366666666666664	8.484999999999999
2021-06-23 17:46	25.934999999999999	9.300000000000004	8.388333333333328
2021-06-23 17:47	26.078333333333312	9.300000000000004	8.296666666666674
2021-06-23 17:48	26.163333333333366	9.300000000000004	8.239999999999998
2021-06-23 17:49	26.200000000000028	9.246666666666668	8.049999999999999
2021-06-23 17:50	26.278333333333304	9.199999999999996	7.9499999999999895
2021-06-23 17:51	26.348333333333354	9.123333333333344	7.700000000000002
2021-06-23 17:52	26.518333333333317	9.100000000000001	7.578333333333336
2021-06-23 17:53	26.599999999999977	9.041666666666664	7.406666666666667



timestamp	GT-64	EV%	EV_step	CP10	CP20
2021-06-23 17:23	38.99166666666667	64.62833333333333	31.016666666666666	500.0	1000.0
2021-06-23 17:24	39.0	63.62500000000001	30.539999999999996	500.0	1000.0
2021-06-23 17:25	39.12833333333335	62.68500000000001	30.086666666666666	500.0	1000.0
2021-06-23 17:26	39.556666666666666	62.308333333333316	29.901666666666666	500.0	1000.0
2021-06-23 17:27	40.76333333333336	61.31500000000003	29.433333333333344	500.0	1000.0
2021-06-23 17:28	41.68000000000002	60.554999999999986	29.075000000000024	500.0	1000.0
2021-06-23 17:29	42.011666666666664	60.138333333333364	28.868333333333336	500.0	1000.0
2021-06-23 17:30	42.099999999999995	59.711666666666664	28.658333333333335	500.0	1000.0
2021-06-23 17:31	42.099999999999995	59.506666666666646	28.553333333333352	500.0	1000.0
2021-06-23 17:32	42.18333333333338	58.88833333333336	28.260000000000012	500.0	1000.0
2021-06-23 17:33	42.330000000000005	58.57000000000007	28.113333333333334	500.0	1000.0
2021-06-23 17:34	42.461666666666666	58.126666666666667	27.906666666666677	500.0	1000.0
2021-06-23 17:35	42.57333333333327	57.831666666666664	27.763333333333346	500.0	1000.0
2021-06-23 17:36	42.875	57.556666666666668	27.629999999999999	500.0	1000.0
2021-06-23 17:37	43.21000000000004	56.994999999999976	27.354999999999997	500.0	1000.0
2021-06-23 17:38	43.45833333333336	57.08666666666665	27.395	500.0	1000.0
2021-06-23 17:39	43.66166666666665	56.67833333333336	27.198333333333345	500.0	1000.0
2021-06-23 17:40	43.76666666666694	56.58666666666667	27.158333333333324	500.0	1000.0
2021-06-23 17:41	43.87000000000005	56.09833333333334	26.924999999999994	500.0	1000.0
2021-06-23 17:42	43.98333333333333	55.93000000000004	26.848333333333322	500.0	1000.0
2021-06-23 17:43	44.16333333333331	55.608333333333306	26.701666666666669	500.0	1000.0
2021-06-23 17:44	44.26166666666667	55.468333333333355	26.628333333333305	500.0	1000.0
2021-06-23 17:45	44.31833333333335	55.44500000000003	26.613333333333337	500.0	1000.0
2021-06-23 17:46	44.514999999999965	55.086666666666694	26.444999999999993	500.0	1000.0
2021-06-23 17:47	44.681666666666666	55.043333333333344	26.418333333333326	500.0	1000.0
2021-06-23 17:48	44.86333333333338	54.33000000000005	26.07333333333334	500.0	1000.0
2021-06-23 17:49	44.966666666666666	53.90500000000004	25.866666666666653	500.0	1000.0
2021-06-23 17:50	45.0	53.179999999999996	25.538333333333338	500.0	1000.0
2021-06-23 17:51	45.143333333333295	52.88833333333333	25.388333333333334	500.0	1000.0
2021-06-23 17:52	45.363333333333344	52.250000000000014	25.080000000000002	500.0	1000.0
2021-06-23 17:53	45.58333333333328	51.98333333333335	24.945000000000004	500.0	1000.0

## DRALOD ORDP D6.2 Annex 1

timestamp	GT-21c	GT-11c	T_Evap_c	T_Cond_c	Iisentropic efficiency
2021-06-23 17:23	13.5	37.8	-2.6	57.6	-187.2
2021-06-23 17:24	13.5	37.6	-2.6	56.6	-233.5
2021-06-23 17:25	13.4	37.7	-2.3	55.9	-309.9
2021-06-23 17:26	13.3	37.9	-1.9	55.7	-412.3
2021-06-23 17:27	13.3	38.8	-0.9	55.3	-664.0
2021-06-23 17:28	13.3	39.6	-0.5	55.2	-1361.7
2021-06-23 17:29	13.2	40.0	-0.4	55.1	-6296.3
2021-06-23 17:30	13.1	40.1	-0.4	54.8	2600.7
2021-06-23 17:31	13.1	40.1	-0.4	54.8	1384.6
2021-06-23 17:32	13.0	40.3	-0.3	54.8	1041.3
2021-06-23 17:33	13.0	40.3	-0.2	54.7	798.3
2021-06-23 17:34	12.9	40.5	-0.1	54.4	648.7
2021-06-23 17:35	12.8	40.6	0.1	54.3	534.5
2021-06-23 17:36	12.8	40.9	0.3	54.4	483.5
2021-06-23 17:37	12.7	41.1	0.5	54.5	440.1
2021-06-23 17:38	12.6	41.4	0.7	54.3	390.2
2021-06-23 17:39	12.6	41.6	0.8	53.9	338.6
2021-06-23 17:40	12.5	41.7	0.8	53.9	320.3
2021-06-23 17:41	12.4	41.9	0.9	53.9	305.9
2021-06-23 17:42	12.4	41.9	1.0	53.9	289.7
2021-06-23 17:43	12.3	42.1	1.1	53.6	266.4
2021-06-23 17:44	12.2	42.2	1.2	53.6	255.9
2021-06-23 17:45	12.1	42.3	1.3	53.4	240.4
2021-06-23 17:46	12.0	42.5	1.4	53.3	227.1
2021-06-23 17:47	11.9	42.7	1.5	53.2	218.5
2021-06-23 17:48	11.6	42.8	1.6	53.2	208.5
2021-06-23 17:49	11.4	42.9	1.7	52.9	194.2
2021-06-23 17:50	11.1	43.0	1.7	52.7	183.9
2021-06-23 17:51	11.0	43.1	1.9	52.5	175.4
2021-06-23 17:52	10.8	43.3	2.0	52.2	163.9
2021-06-23 17:53	10.6	43.5	2.1	51.9	155.8

## DRALOD ORDP D6.2 Annex 1

timestamp	Compressor Power	Heat output	COP heat	Cold output
2021-06-23 17:23	1.1	-7.5	-6.26	-6.6
2021-06-23 17:24	1.0	-9.5	-8.18	-8.5
2021-06-23 17:25	1.1	-13.0	-11.34	-12.0
2021-06-23 17:26	1.2	-19.3	-15.54	-18.2
2021-06-23 17:27	1.2	-31.3	-26.06	-30.2
2021-06-23 17:28	1.1	-63.5	-54.74	-62.4
2021-06-23 17:29	1.1	-294.6	-257.53	-293.6
2021-06-23 17:30	1.1	122.2	108.11	123.2
2021-06-23 17:31	1.3	71.4	58.05	72.6
2021-06-23 17:32	1.4	58.1	43.94	59.3
2021-06-23 17:33	1.2	38.4	34.01	39.5
2021-06-23 17:34	1.3	35.4	27.96	36.6
2021-06-23 17:35	1.2	27.8	23.31	28.9
2021-06-23 17:36	1.3	25.9	21.2	27.1
2021-06-23 17:37	1.2	22.2	19.41	23.3
2021-06-23 17:38	1.4	23.4	17.38	24.7
2021-06-23 17:39	1.3	18.0	15.32	19.1
2021-06-23 17:40	1.2	16.7	14.54	17.9
2021-06-23 17:41	1.2	15.3	13.94	16.4
2021-06-23 17:42	1.3	15.8	13.26	17.0
2021-06-23 17:43	1.3	15.3	12.35	16.6
2021-06-23 17:44	1.2	13.1	11.92	14.2
2021-06-23 17:45	1.3	13.6	11.3	14.8
2021-06-23 17:46	1.3	12.4	10.76	13.6
2021-06-23 17:47	1.3	12.5	10.4	13.7
2021-06-23 17:48	1.4	13.0	9.98	14.4
2021-06-23 17:49	1.3	11.4	9.42	12.6
2021-06-23 17:50	1.4	11.4	9.01	12.7
2021-06-23 17:51	1.5	11.2	8.67	12.6
2021-06-23 17:52	1.5	10.6	8.21	12.0
2021-06-23 17:53	1.4	9.5	7.89	10.8

DATE	BATCH		in		out	
	# batch	product	X1	mp1	X2	
			kg	-		kg
2021-03-10	1	BSG	650		0,8	150
	2	BSG	700		0,8	151
	3	BSG	600		0,8	140
	4	BSG	650		0,8	150
	5	BSG	600		0,8	148
2021-03-11	1	BSG	625		0,79	154
	2	BSG	600		0,79	144
	3	BSG	700		0,79	171
	4	BSG	625		0,79	150
2021-03-12	1	BSG	600		0,8	140
	2	BSG	700		0,8	163
	3	BSG	650		0,8	150
2021-03-13	1	BSG	700		0,79	173
	2	BSG	650		0,79	158
	3	BSG	650		0,79	157
2021-03-14	1	BSG	600		0,8	140
	2	BSG	650		0,8	151
	3	BSG	650		0,8	153
	4	BSG	650		0,8	154
2021-03-15	1	BSG	600		0,79	148
	2	BSG	650		0,79	159
	3	BSG	600		0,79	145
	4	BSG	650		0,79	158
2021-03-16	1	BSG	550		0,8	129
	2	BSG	650		0,8	152
	3	BSG	650		0,8	151
	4	BSG	650		0,8	149
2021-03-17	1	BSG	650		0,79	159
	2	BSG	700		0,79	171
	3	BSG	700		0,79	172
	4	BSG	650		0,79	159
2021-03-18	1	BSG	700		0,79	174
2021-03-19	1	BSG	600		0,8	141
	2	BSG	600		0,8	140
	3	BSG	600		0,8	139
2021-03-20	1	BSG	600		0,8	140
	2	BSG	600		0,8	140
2021-03-21	1	BSG	650		0,78	165
2021-03-22	1	BSG	600		0,78	154
	2	BSG	650		0,78	166
	3	BSG	650		0,78	164
	4	BSG	650		0,78	166

DATE	BATCH		in	out	
	# batch	product	X1	mp1	X2
			kg	-	kg
	5	BSG	650	0,78	165
2021-03-23	1	BSG	650	0,78	165
	2	BSG	650	0,78	165
	3	BSG	650	0,78	164
	4	BSG	650	0,78	168
	5	BSG	650	0,78	168
2021-03-24	1	BSG	650	0,79	159
	2	BSG	650	0,79	157
	3	BSG	650	0,8	149
	4	BSG	650	0,8	153
	5	BSG	650	0,8	152
2021-03-25	1	BSG	650	0,78	166
	2	BSG	700	0,78	178
	3	BSG	700	0,78	181
	4	BSG	700	0,78	177
2021-03-26	1	BSG	650	0,78	165
	2	BSG	650	0,78	165
	3	BSG	650	0,78	165
	4	BSG	650	0,78	164
	5	BSG	650	0,78	168

DATE				SOLARWALL	
	mp2	time	# of cycles	T1	ma1
	-	min		°C	%
2021-03-10	0,15	40	4	12	45
	0,14	45	5	13	44
	0,15	43	4	15	43
	0,15	45	5	13	44
	0,14	60	6	12	45
2021-03-11	0,15	42	5	11	44
	0,12	47	5	12	45
	0,14	52	6	12	43
	0,13	45	5	10	43
2021-03-12	0,14	75	8	9	55
	0,14	80	9	10	56
	0,14	80	9	10	56
2021-03-13	0,15	55	6	12	50
	0,14	58	6	14	49
	0,13	58	6	15	48
2021-03-14	0,14	58	6	10	46
	0,14	56	6	12	46
	0,13	58	6	14	46
	0,15	54	6	15	45
2021-03-15	0,15	53	6	12	45
	0,14	52	6	14	45
	0,13	50	6	14	45
	0,14	52	6	15	45
2021-03-16	0,15	45	5	13	46
	0,14	54	6	14	45
	0,14	53	6	15	44
	0,13	54	6	15	44
2021-03-17	0,14	55	6	14	44
	0,14	60	6	15	43
	0,14	60	6	16	43
	0,14	55	6	16	44
2021-03-18	0,15	80	7	12	55
2021-03-19	0,14	75	8	9	58
	0,14	75	8	12	60
	0,13	80	8	12	58
2021-03-20	0,14	62	6	15	48
	0,14	65	6	16	47
2021-03-21	0,14	90	9	13	50
2021-03-22	0,14	60	6	15	45
	0,14	65	6	17	46
	0,14	62	6	17	45
	0,14	60	6	16	44

DATE				SOLARWALL	
	mp2	time	# of cycles	T1	ma1
	-	min		°C	%
2021-03-23	0,14	55	5	16	45
	0,14	60	6	15	44
	0,13	62	6	16	43
	0,13	60	6	15	44
	0,15	65	6	15	43
	0,15	65	6	14	44
2021-03-24	0,14	65	6	16	44
	0,13	62	6	16	44
	0,13	63	6	16	44
	0,15	58	6	15	44
	0,14	65	6	14	44
2021-03-25	0,14	58	6	15	43
	0,13	65	6	16	42
	0,15	66	6	17	44
	0,13	66	6	15	43
2021-03-26	0,13	55	5	16	42
	0,13	58	6	16	42
	0,13	62	6	17	43
	0,13	65	6	16	42
	0,15	68	6	15	43

DATE				
	T2	T3	F1	F2
	°C	°C	% of the fans m <sup>3</sup> /h	
2021-03-10	42	42	80	120000
	43	43	80	120000
	42	42	80	120000
	35	35	80	120000
2021-03-11	30	30	80	120000
	40	40	80	120000
	38	38	80	120000
	36	36	80	120000
2021-03-12	35	35	80	120000
	25	25	80	120000
	25	25	80	120000
2021-03-13	26	26	80	120000
	30	30	80	120000
	35	35	80	120000
2021-03-14	37	37	80	120000
	32	32	80	120000
	33	33	80	120000
2021-03-15	35	35	80	120000
	35	35	80	120000
	34	34	80	120000
	36	36	80	120000
2021-03-16	36	36	80	120000
	34	34	80	120000
	35	35	80	120000
	37	37	80	120000
2021-03-17	35	35	80	120000
	35	35	80	120000
	37	37	80	120000
	36	36	80	120000
2021-03-18	30	30	80	120000
2021-03-19	29	29	80	120000
	30	30	80	120000
	29	29	80	120000
2021-03-20	33	33	80	120000
	35	35	80	120000
2021-03-21	28	28	80	120000
2021-03-22	35	35	80	120000
	36	36	80	120000
	37	37	80	120000
	37	37	80	120000



DATE				
	T2	T3	F1	F2
	°C	°C	% of the fans	m <sup>3</sup> /h
2021-03-23	36	36	80	120000
	36	36	80	120000
	37	37	80	120000
	36	36	80	120000
	35	35	80	120000
	34	34	80	120000
2021-03-24	36	36	80	120000
	36	36	80	120000
	35	35	80	120000
	36	36	80	120000
	34	34	80	120000
2021-03-25	37	37	80	120000
	36	36	80	120000
	37	37	80	120000
	36	36	80	120000
2021-03-26	38	38	80	120000
	37	37	80	120000
	36	36	80	120000
	38	38	80	120000
	35	35	80	120000

P & ID	Comment
T1	ambient temperature
T2	SolarWall preheated air temperature
T3	Dryer inlet air temperature
T4	Dryer outlet air temperature
ma1	Ambient air moisture
mp1	product inlet moisture (measured with external tool, AE Adam PMB 202)
mp2	Product outlet moisture (measured with external tool, AE Adam PMB 202)
X1	Product inlet weight
X2	Product outlet weight
--	Number of cycles
F1	SolarWall fan flow
F2	Draft Fan flow
F1	SolarWall fan capacity
F2	Draft Fan flow

## Metadata description

Name	Unit	Description
date	--	date of execution
number of batch	--	batches of product to be dried, in sequential order per day
product	--	type of product to be dried (e.g. BSG or Brewers Spent Grain)
T1	°C	ambient temperature
T2	°C	SolarWall preheated air temperature
T3	°C	Dryer inlet air temperature
T4	°C	Dryer outlet air temperature
ma1	%	Ambient air moisture
mp1	%	product inlet moisture (measured with external tool, AE Adam PMB 202)
mp2	%	Product outlet moisture (measured with external tool, AE Adam PMB 202)
X1	kg	Product inlet weight
X2	kg	Product outlet weight
Number of cycles	--	Number of drying cycles per product batch
Time	min	Total duration of drying process for a product batch
F1	m <sup>3</sup> /h	SolarWall fan flow
F2	m <sup>3</sup> /h	Draft Fan flow
F1	%	SolarWall fan capacity
F2	%	Draft fan capacity

