There are 3 types of files in the dataset:

- scenario description (scenario.X.actual.csv),
- measurements (nilm-2000Hz-X.new.csv),
- logs of the script collecting measurements (nilm-2000Hz-X.txt),

where X is the number of scenario.

The scenario description is formatted as follows:
sleep T
low/high D

Where T is the number of seconds in which no state change is performed, followed by a line in which the device state changes, high - turns on the device, and low - turns off the device, followed by the Device ID to which this change of state applies.

Device ID	Device name
17	Air conditioner
18	router
22	bulbs
23	radiator

Measurements files
In the measurements file are measurements of time and current [A] in 5 nodes.

Circuit ID	Description
8	total current in the entire measuring system, which is composed of circuits 9-12
9	current consumed by device No. 17
10	current consumed by device No. 18
11	current consumed by device No. 22
12	current consumed by device No. 23

Note: The clocks of the data collection devices were not synchronised, so there is a lag between the scenario and the measurements. The start of measurements and the description of scenario 6 is delayed by approximately 21.75 seconds, and scenario 7 by approximately 5 seconds. Both of those delays were determined empirically.