

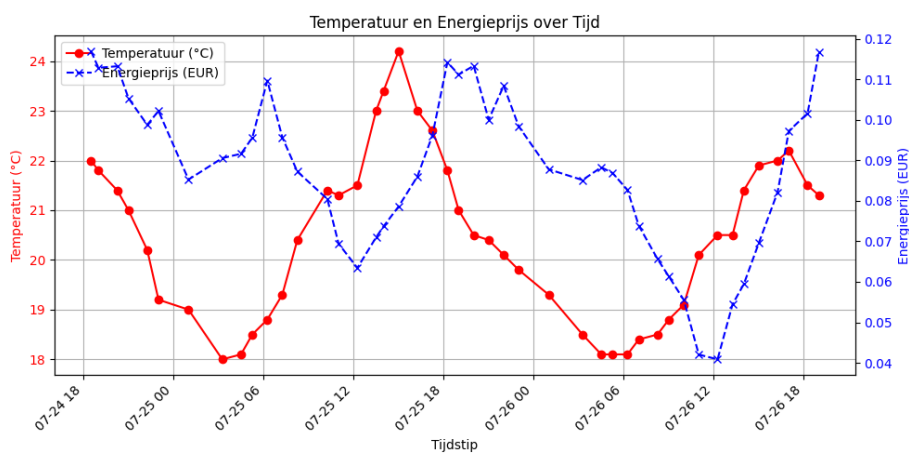
# Analysis report

Generated on: 2025-07-26 19:10:43

## Overview

This report analyzes the relationship between temperature (°C) and energy price (EUR).

## Graph



Temperature vs Energy Price

## Summary statistics

- **Temperature:** Mean = 20.4444, Std Dev = 1.62611
- **Energy Price:** Mean = 0.087104, Std Dev = 0.0198429
- **Correlation (Pearson):** 0.0575865

## Data

Timestamp	Temperature (°C)	Energy Price (EUR)
2025-07-24T18:30	22.0	0.11693
2025-07-24T19:00	21.8	0.11283
2025-07-24T20:15	21.4	0.11320
2025-07-24T21:00	21.0	0.10530
2025-07-24T22:15	20.2	0.09874

2025-07-24T23:00	19.2	0.10217
2025-07-25T01:00	19.0	0.08523
2025-07-25T03:15	18.0	0.09053
2025-07-25T04:30	18.1	0.09160
2025-07-25T05:15	18.5	0.09556
2025-07-25T06:15	18.8	0.10967
2025-07-25T07:15	19.3	0.09566
2025-07-25T08:15	20.4	0.08720
2025-07-25T10:15	21.4	0.08043
2025-07-25T11:00	21.3	0.06940
2025-07-25T12:15	21.5	0.06343
2025-07-25T13:30	23.0	0.07098
2025-07-25T14:00	23.4	0.07370
2025-07-25T15:00	24.2	0.07859
2025-07-25T16:15	23.0	0.08599
2025-07-25T17:15	22.6	0.09611
2025-07-25T18:15	21.8	0.11420
2025-07-25T19:00	21.0	0.11113
2025-07-25T20:00	20.5	0.11332
2025-07-25T21:00	20.4	0.10000
2025-07-25T22:00	20.1	0.10838
2025-07-25T23:00	19.8	0.09837
2025-07-26T01:00	19.3	0.08777
2025-07-26T03:15	18.5	0.08511
2025-07-26T04:30	18.1	0.08826
2025-07-26T05:15	18.1	0.08687
2025-07-26T06:15	18.1	0.08266
2025-07-26T07:00	18.4	0.07387
2025-07-26T08:15	18.5	0.06563
2025-07-26T09:00	18.8	0.06133
2025-07-26T10:00	19.1	0.05553
2025-07-26T11:00	20.1	0.04204
2025-07-26T12:15	20.5	0.04086
2025-07-26T13:15	20.5	0.05445
2025-07-26T14:00	21.4	0.05943
2025-07-26T15:00	21.9	0.06958
2025-07-26T16:15	22.0	0.08212
2025-07-26T17:00	22.2	0.09721
2025-07-26T18:15	21.5	0.10159
2025-07-26T19:00	21.3	0.11672