

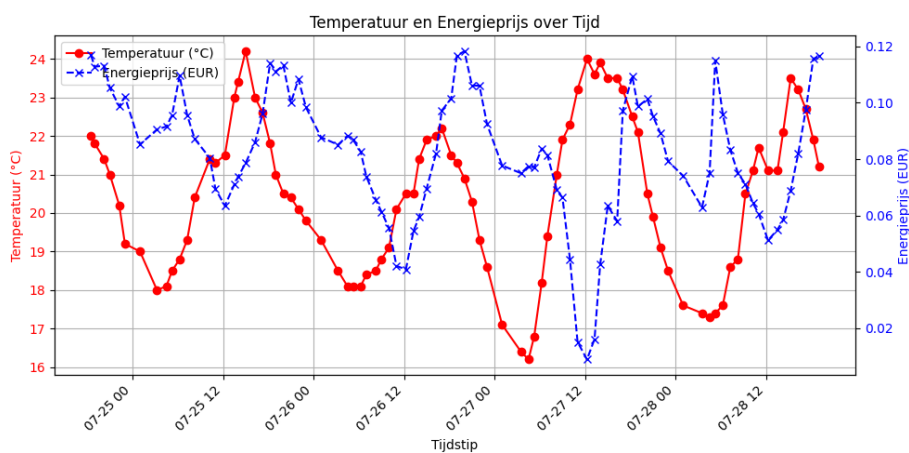
# Analysis report

Generated on: 2025-07-28 19:14:50

## Overview

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

## Graph



Temperature vs Energy Price

## Summary statistics

- **Temperature:** Mean = 20.4573, Std Dev = 2.00291
- **Energy Price:** Mean = 0.0819256, Std Dev = 0.0236156
- **Correlation (Pearson):** -0.202256

## 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 |
| 2025-07-26T20:00 | 20.9 | 0.11836 |
| 2025-07-26T21:00 | 20.3 | 0.10620 |
| 2025-07-26T22:00 | 19.3 | 0.10604 |
| 2025-07-26T23:00 | 18.6 | 0.09244 |
| 2025-07-27T01:00 | 17.1 | 0.07773 |
| 2025-07-27T03:30 | 16.4 | 0.07500 |
| 2025-07-27T04:30 | 16.2 | 0.07751 |
| 2025-07-27T05:15 | 16.8 | 0.07703 |
| 2025-07-27T06:15 | 18.2 | 0.08376 |
| 2025-07-27T07:00 | 19.4 | 0.08145 |
| 2025-07-27T08:15 | 21.0 | 0.06905 |
| 2025-07-27T09:00 | 21.9 | 0.06635 |

|                  |      |         |
|------------------|------|---------|
| 2025-07-27T10:00 | 22.3 | 0.04432 |
| 2025-07-27T11:00 | 23.2 | 0.01504 |
| 2025-07-27T12:15 | 24.0 | 0.00885 |
| 2025-07-27T13:15 | 23.6 | 0.01608 |
| 2025-07-27T14:00 | 23.9 | 0.04260 |
| 2025-07-27T15:00 | 23.5 | 0.06338 |
| 2025-07-27T16:15 | 23.5 | 0.05800 |
| 2025-07-27T17:00 | 23.2 | 0.09729 |
| 2025-07-27T18:15 | 22.5 | 0.10948 |
| 2025-07-27T19:00 | 22.1 | 0.09870 |
| 2025-07-27T20:15 | 20.5 | 0.10134 |
| 2025-07-27T21:00 | 19.9 | 0.09522 |
| 2025-07-27T22:00 | 19.1 | 0.08910 |
| 2025-07-27T23:00 | 18.5 | 0.07924 |
| 2025-07-28T01:00 | 17.6 | 0.07407 |
| 2025-07-28T03:30 | 17.4 | 0.06288 |
| 2025-07-28T04:30 | 17.3 | 0.07500 |
| 2025-07-28T05:15 | 17.4 | 0.11500 |
| 2025-07-28T06:15 | 17.6 | 0.09593 |
| 2025-07-28T07:15 | 18.6 | 0.08327 |
| 2025-07-28T08:15 | 18.8 | 0.07508 |
| 2025-07-28T09:15 | 20.5 | 0.07109 |
| 2025-07-28T10:15 | 21.1 | 0.06438 |
| 2025-07-28T11:00 | 21.7 | 0.06058 |
| 2025-07-28T12:15 | 21.1 | 0.05116 |
| 2025-07-28T13:30 | 21.1 | 0.05495 |
| 2025-07-28T14:15 | 22.1 | 0.05839 |
| 2025-07-28T15:15 | 23.5 | 0.06880 |
| 2025-07-28T16:15 | 23.2 | 0.08200 |
| 2025-07-28T17:15 | 22.7 | 0.09742 |
| 2025-07-28T18:15 | 21.9 | 0.11561 |
| 2025-07-28T19:00 | 21.2 | 0.11653 |