

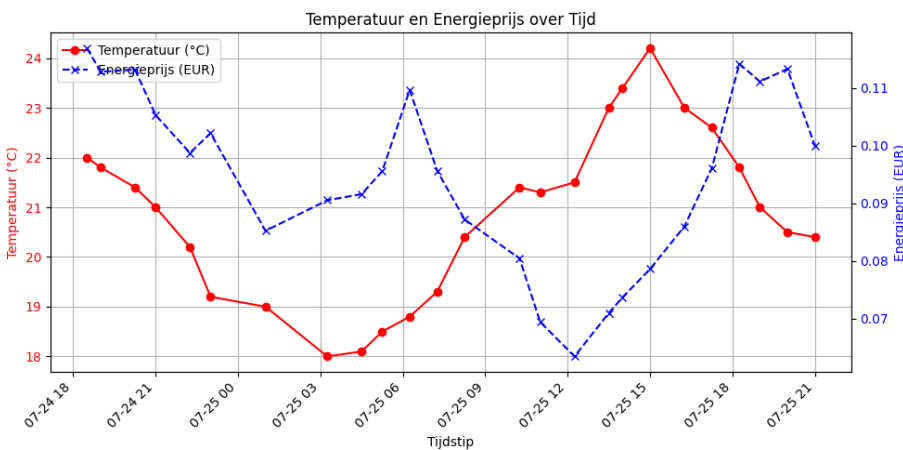
# Analysis report

Generated on: 2025-07-25 21:13:40

## Overview

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

## Graph



Temperature vs Energy Price

## Summary statistics

- **Temperature:** Mean = 20.872, Std Dev = 1.6653
- **Energy Price:** Mean = 0.094476, Std Dev = 0.0154073
- **Correlation (Pearson):** -0.242291

## 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	