

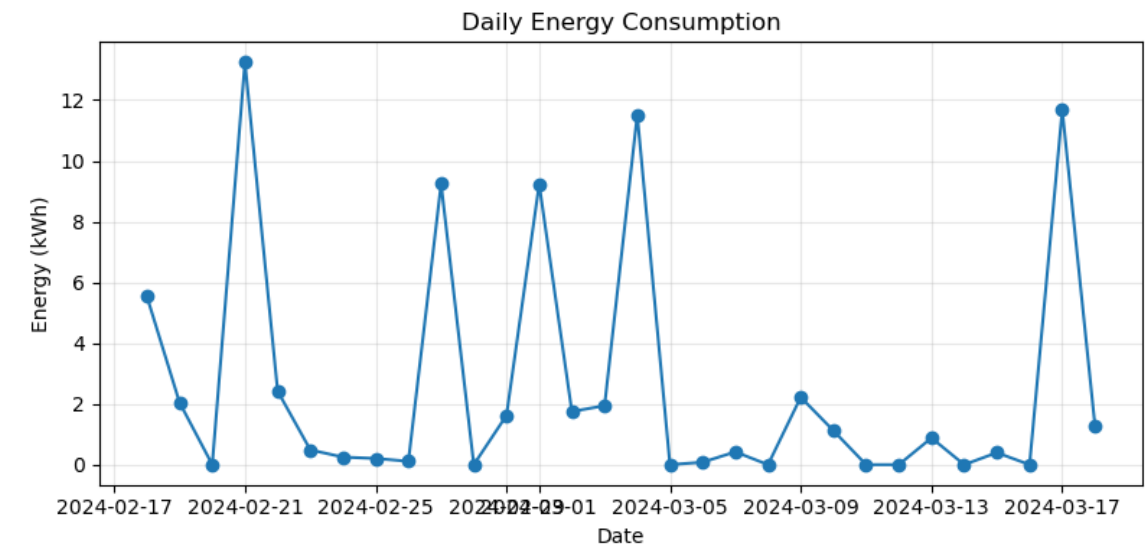
# Energy Consumption Report

Generated on March 21, 2025

## Summary

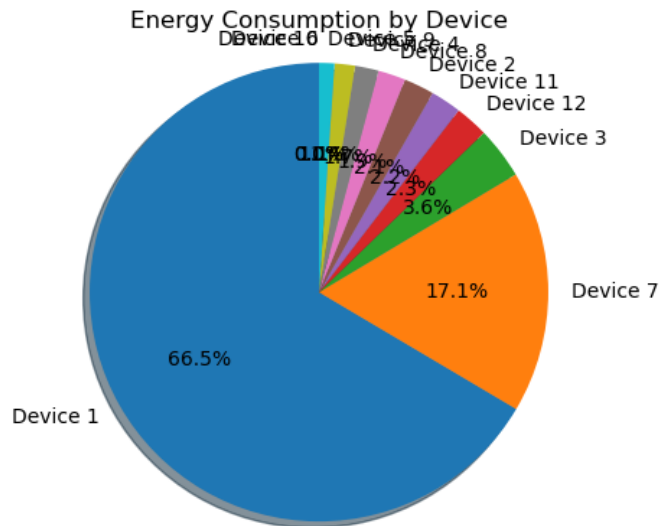
Total Energy Consumption	77.67 kWh
Estimated Cost	17.86 AED
Date Range	2024-02-18 to 2024-03-18

## Energy Consumption Trends



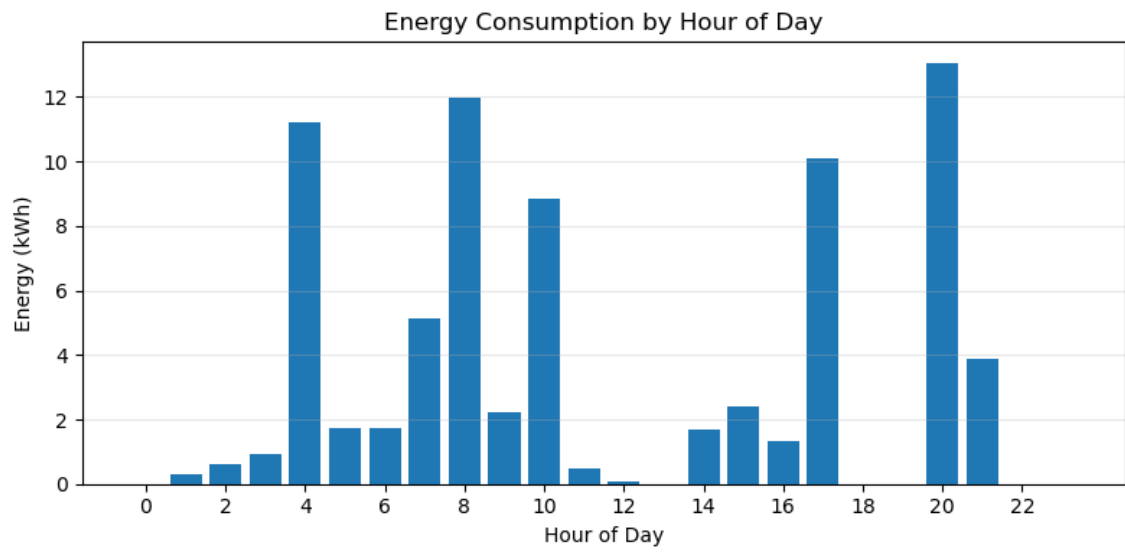
Your average daily change in energy consumption is inf%. Your most recent change was -88.9%.

## Energy Consumption by Device



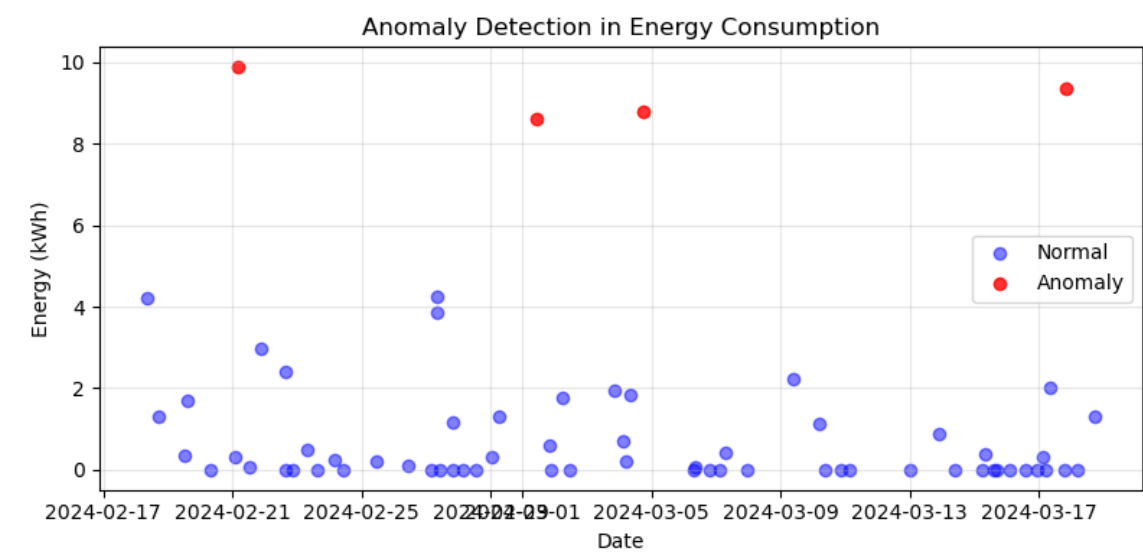
Device	Energy (kWh)	Percentage	Cost (\$)
Device 1	51.64	66.5%	\$11.88
Device 7	13.28	17.1%	\$3.05
Device 3	2.83	3.6%	\$0.65
Device 12	1.82	2.3%	\$0.42
Device 11	1.69	2.2%	\$0.39
Device 2	1.66	2.1%	\$0.38
Device 8	1.50	1.9%	\$0.35
Device 4	1.29	1.7%	\$0.30
Device 9	1.12	1.4%	\$0.26
Device 5	0.84	1.1%	\$0.19
Device 6	0.00	0.0%	\$0.00
Device 10	0.00	0.0%	\$0.00

## Usage Patterns



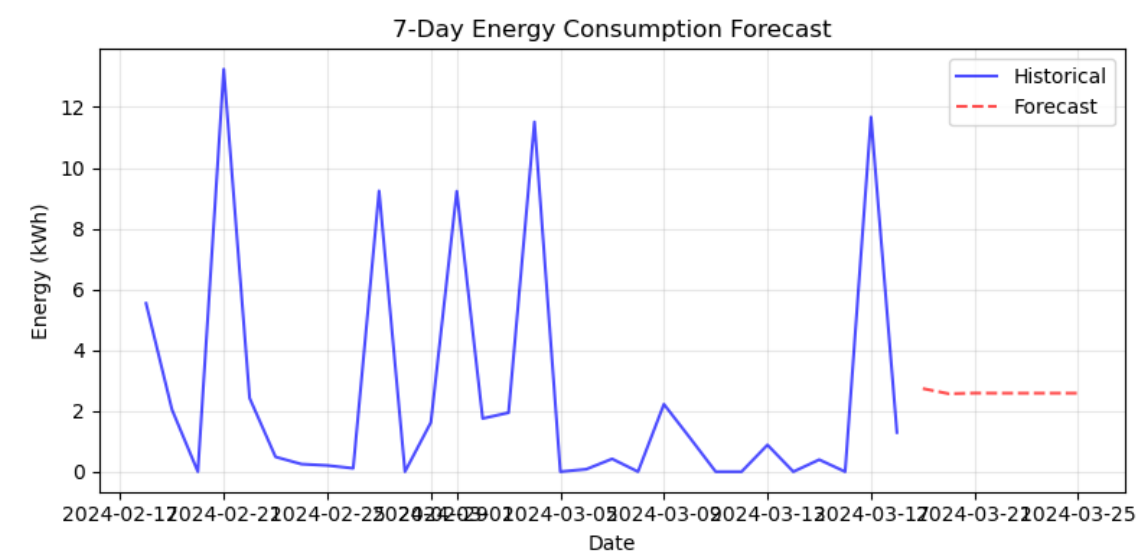
Your peak energy usage occurs at: 20:00, 8:00, 4:00

## Anomaly Detection



We detected 4 anomalies in your energy consumption.

## Energy Consumption Forecast



Forecasted energy consumption for the next 7 days: 18.22 kWh. Estimated cost: \$4.19.

## Energy Saving Recommendations

- Consider using smart power strips to eliminate phantom energy use from devices on standby.
- Replace high-energy appliances with energy-efficient models (look for ENERGY STAR ratings).

- Install a programmable thermostat to optimize heating and cooling.
- Use natural light when possible and replace incandescent bulbs with LEDs.
- Ensure proper insulation in your home to reduce heating and cooling costs.
- Your Device 5 consumes 1.1% of your energy. Consider upgrading to a more efficient model or adjusting usage patterns.
- Your peak energy usage occurs around 20.0:00. Consider shifting energy-intensive activities to off-peak hours.