

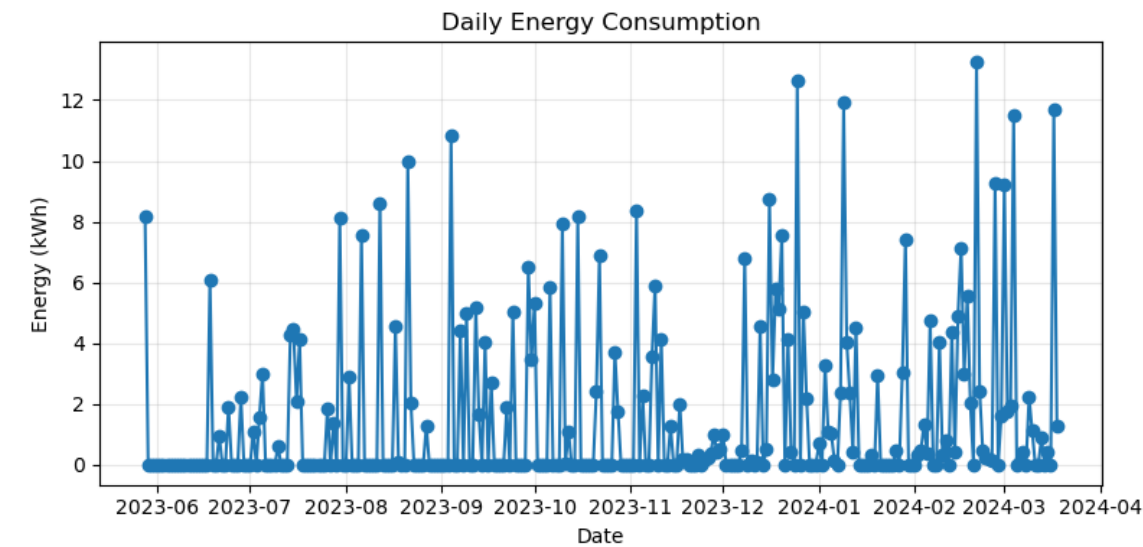
# Energy Consumption Report

Generated on March 21, 2025

## Summary

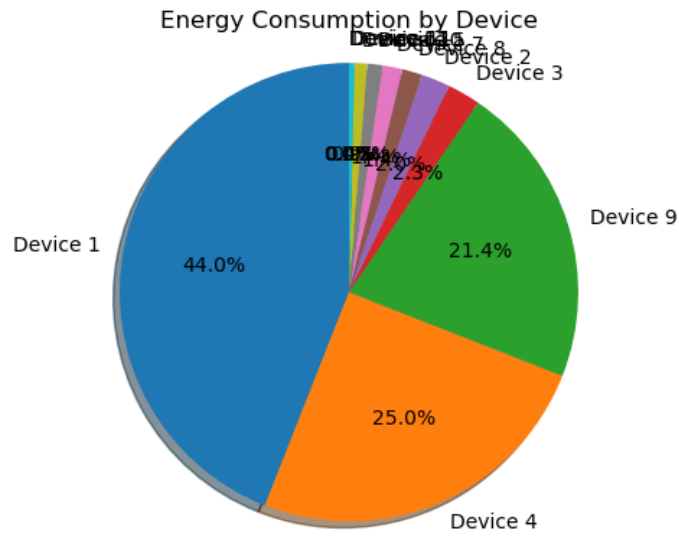
Total Energy Consumption	437.29 kWh
Estimated Cost	100.58 AED
Date Range	2023-05-28 to 2024-03-18

## Energy Consumption Trends



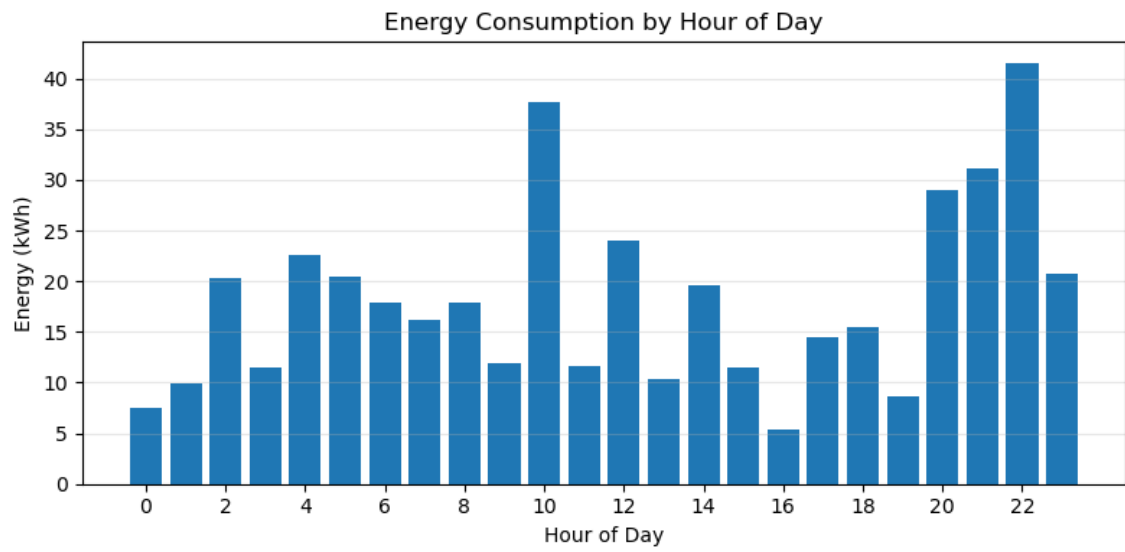
Your average daily change in energy consumption is inf%. Your most recent change was -88.9%.

## Energy Consumption by Device



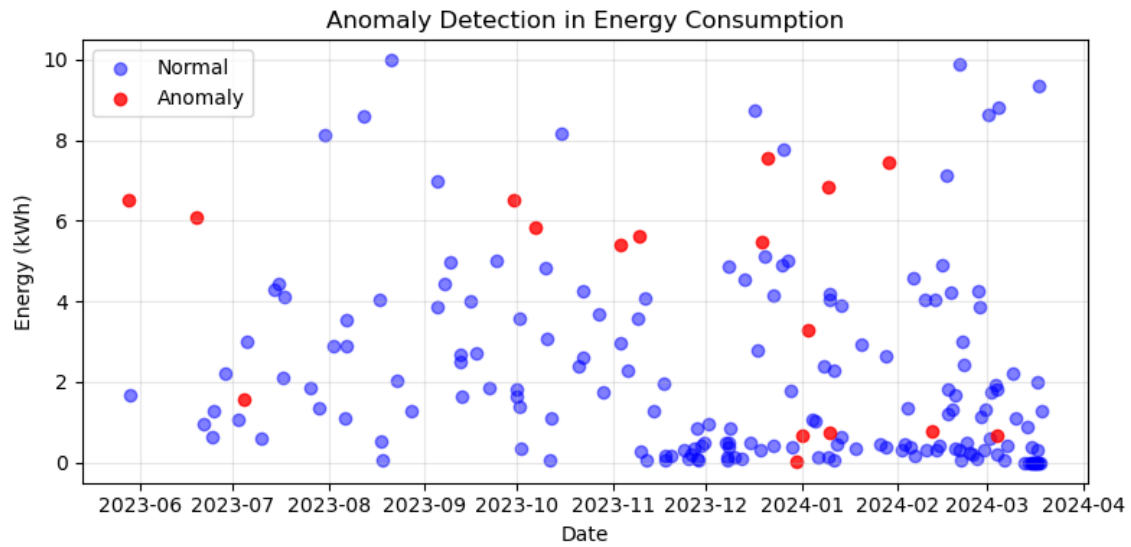
Device	Energy (kWh)	Percentage	Cost (\$)
Device 1	192.52	44.0%	\$44.28
Device 4	109.44	25.0%	\$25.17
Device 9	93.72	21.4%	\$21.56
Device 3	10.18	2.3%	\$2.34
Device 2	8.91	2.0%	\$2.05
Device 8	6.13	1.4%	\$1.41
Device 7	6.13	1.4%	\$1.41
Device 5	4.67	1.1%	\$1.07
Device 10	3.90	0.9%	\$0.90
Device 11	1.69	0.4%	\$0.39
Device 6	0.00	0.0%	\$0.00
Device 12	0.00	0.0%	\$0.00

## Usage Patterns



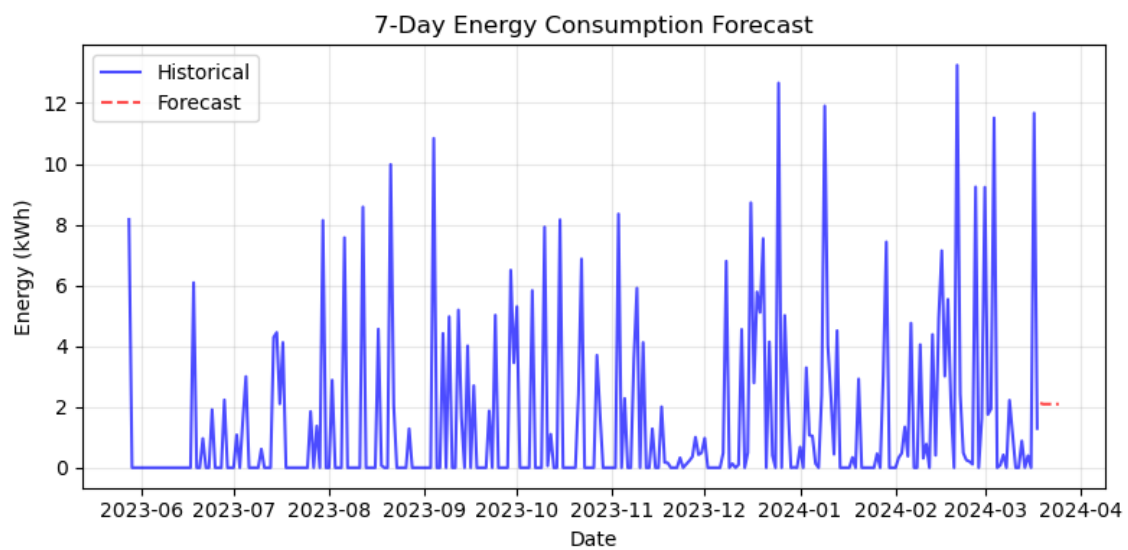
Your peak energy usage occurs at: 22:00, 10:00, 21:00

## Anomaly Detection



We detected 17 anomalies in your energy consumption.

## Energy Consumption Forecast



Forecasted energy consumption for the next 7 days: 14.67 kWh. Estimated cost: \$3.37.

## 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 22.0:00. Consider shifting energy-intensive activities to off-peak hours.