

# Energy Consumption Report

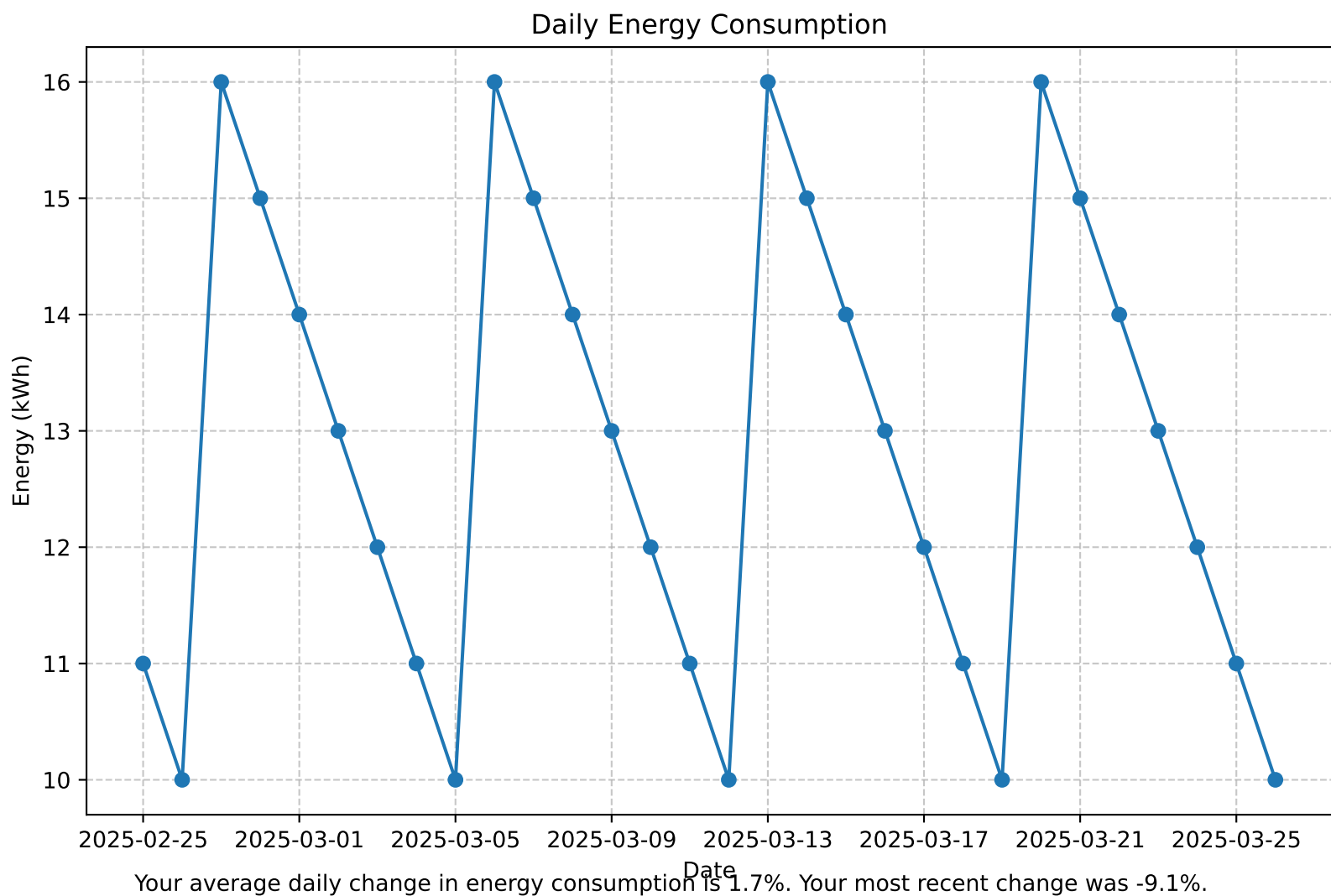
Generated on March 26, 2025

## Summary

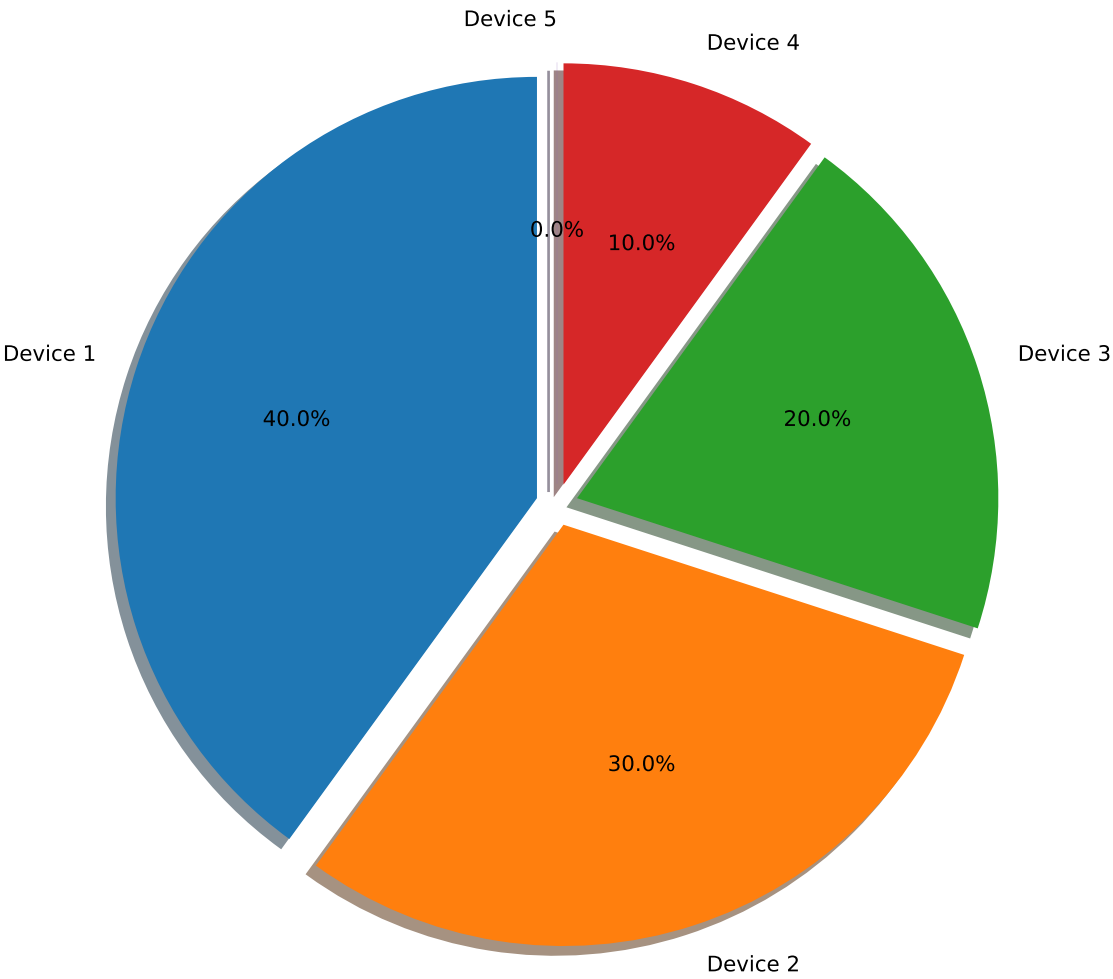
Total Energy Consumption	385.00 kWh
Estimated Cost	88.55 AED
Date Range	2025-02-24 to 2025-03-26

Report for: Test User

# Energy Consumption Trends

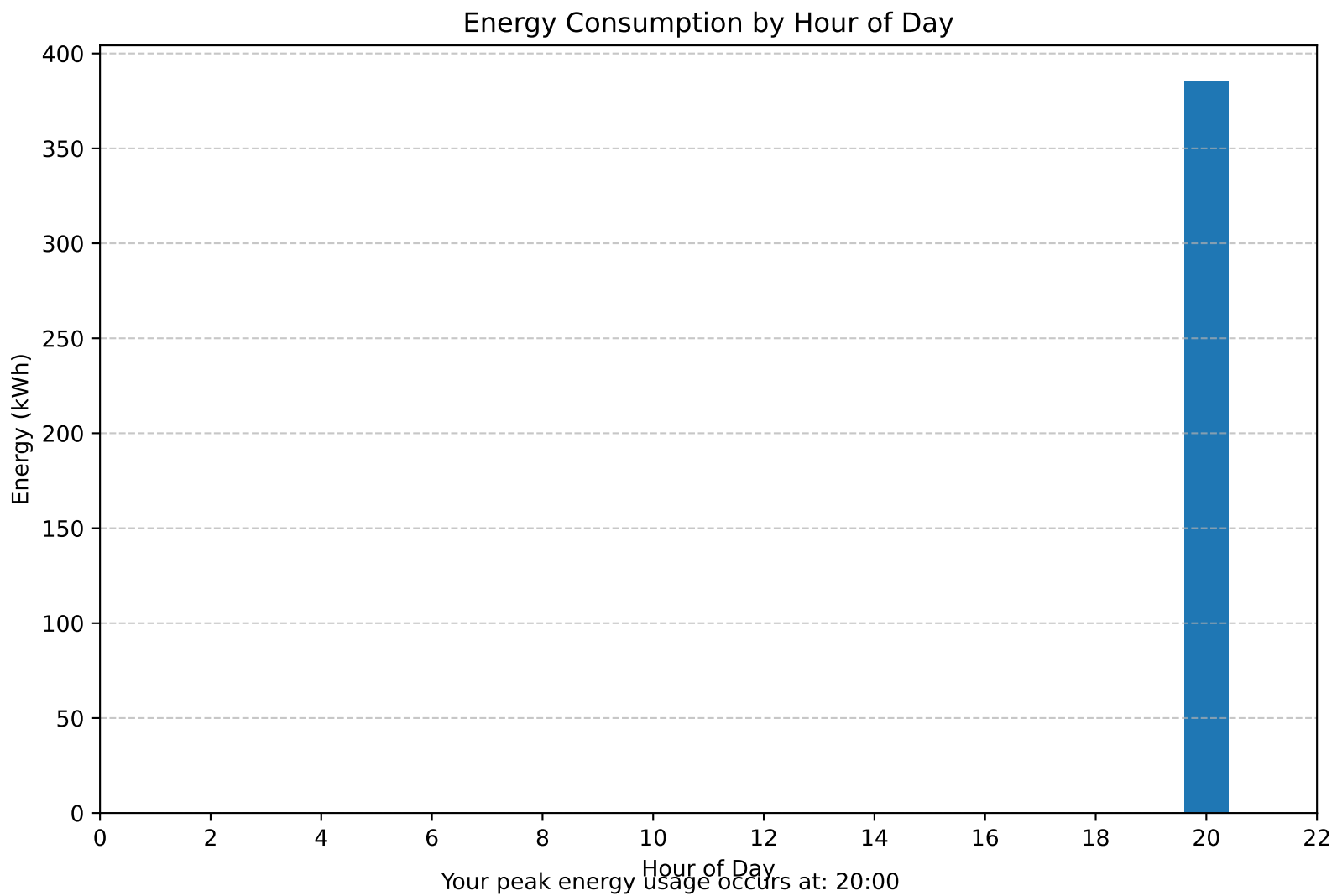


# Energy Consumption by Device

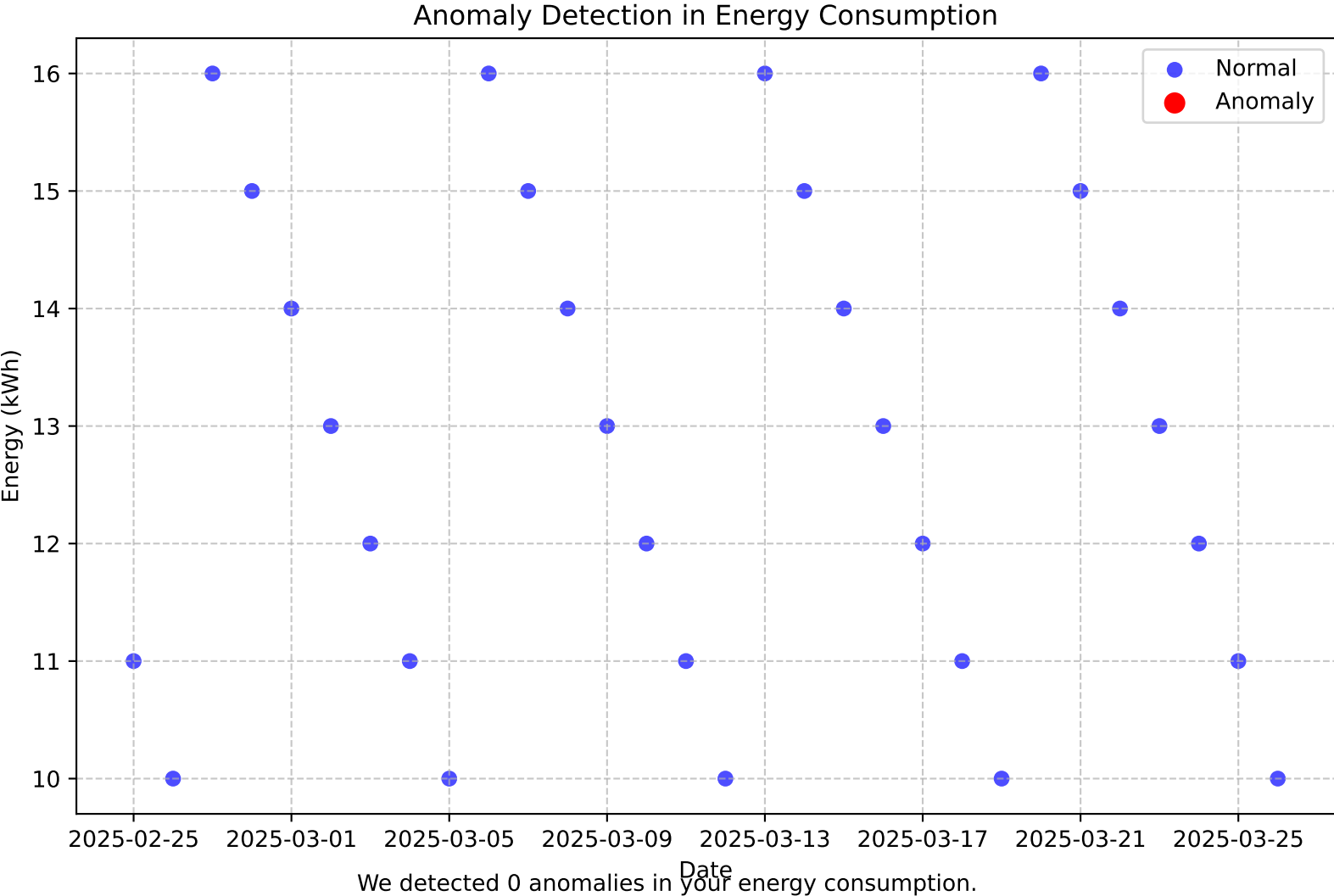


Device	Energy (kWh)	Percentage	Cost (\$)
Device 1	154.00	40.0%	\$35.42
Device 2	115.50	30.0%	\$26.57
Device 3	77.00	20.0%	\$17.71
Device 4	38.50	10.0%	\$8.86
Device 5	0.00	0.0%	\$0.00

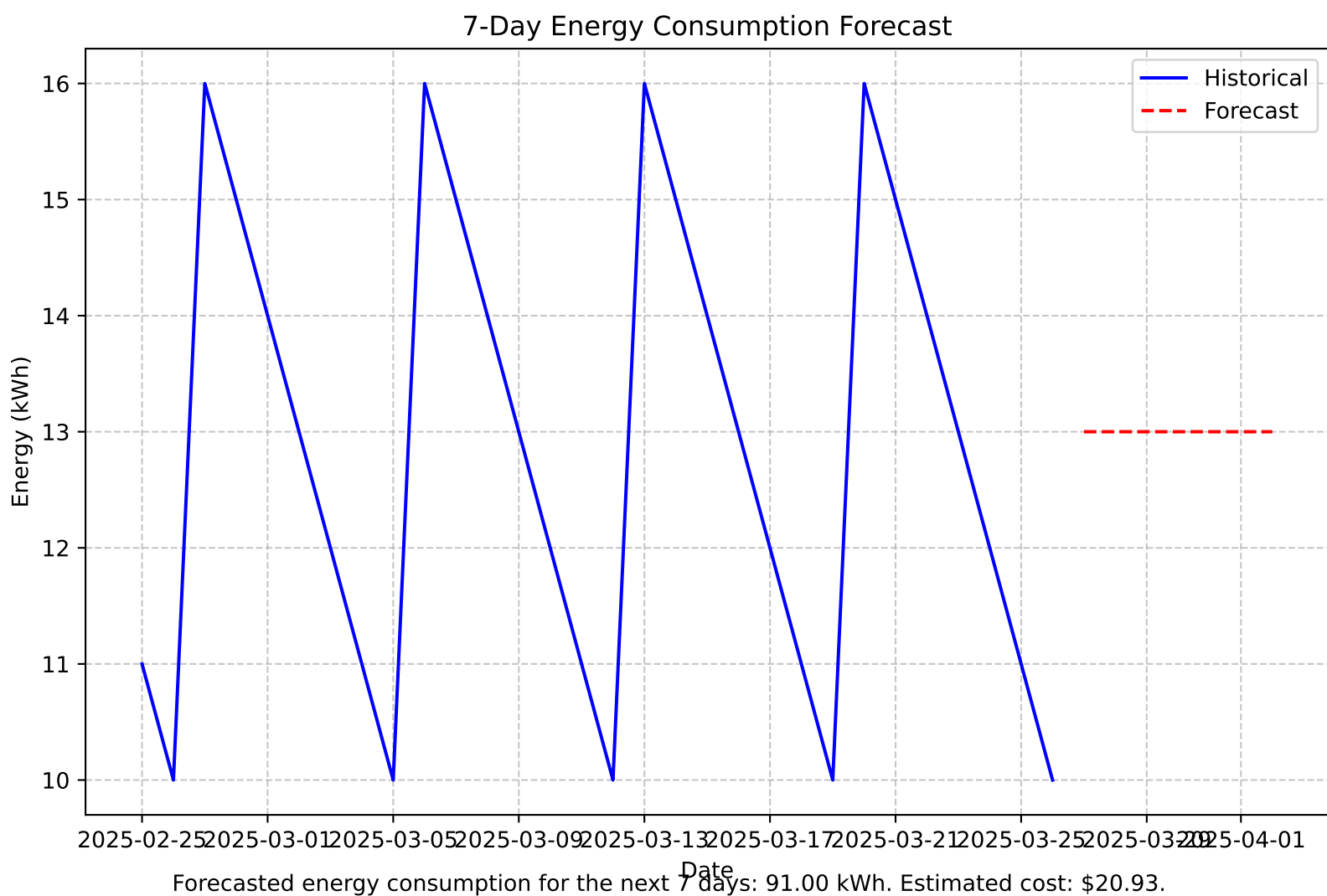
# Usage Patterns



# Anomaly Detection



# Energy Consumption Forecast



## 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 1 consumes 40.0% of your energy. Consider upgrading to a more efficient model or adjusting usage patterns.
- Your peak energy usage occurs around 20:00. Consider shifting energy-intensive activities to off-peak hours.