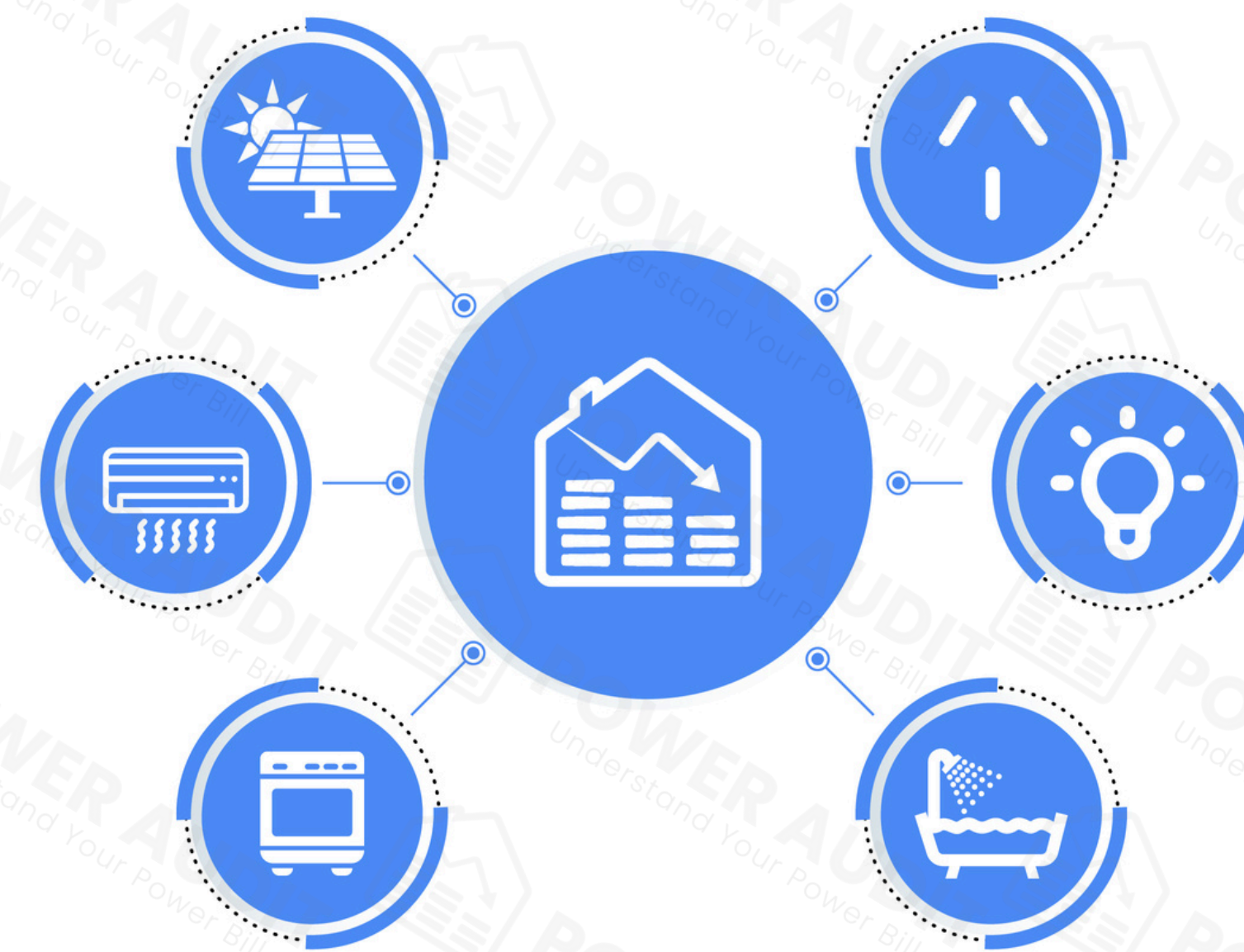


POWER AUDIT REPORT

Customer John Citizen

Address 1 Power ST
Sydney NSW 2000

Dates 1 JAN 2025 - 7 JAN 2025



POWER AUDIT
Understand Your Power Bill

Understand Your Power Bill

Your Power Audit

Electricity Provider:

1 Jan 2024 - 2 April 2025

Ref: 1234567890

Audit Conducted by PowerAudit Pty Ltd on 1 Jan 2024 - 7 Jan 2025

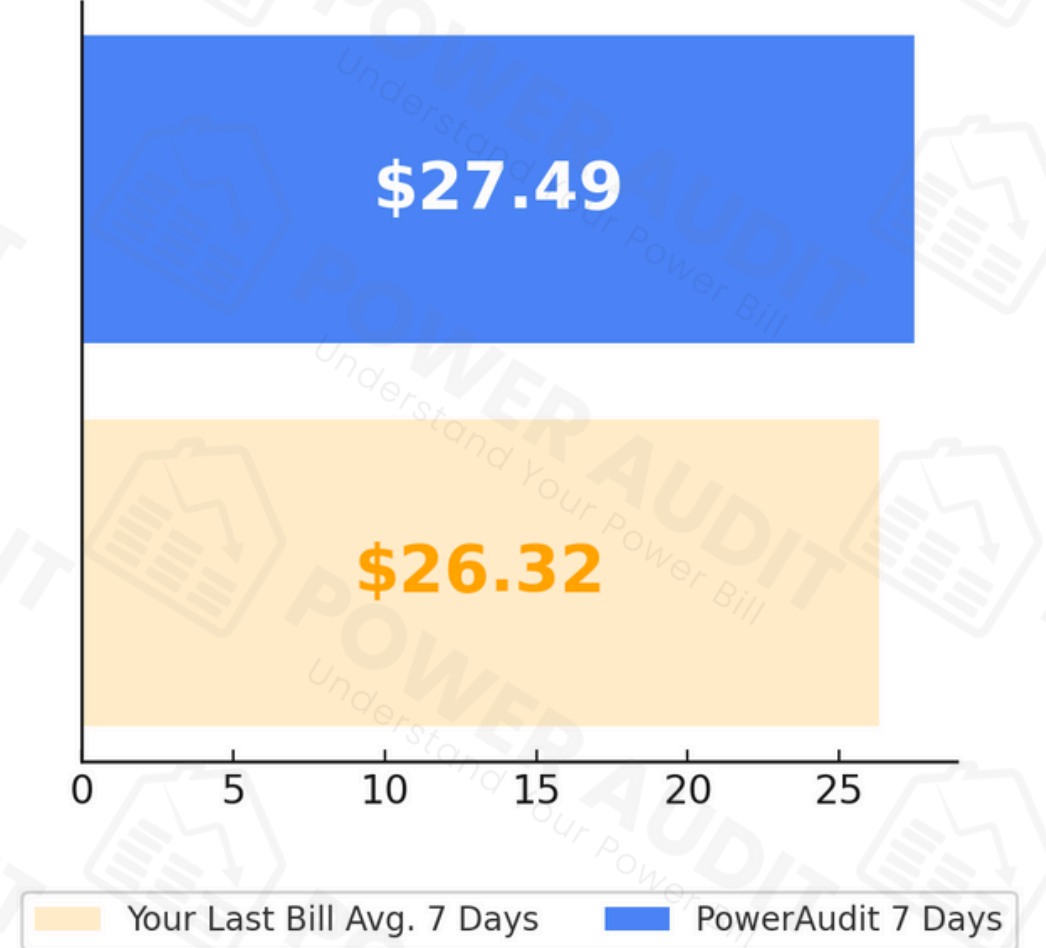
Description	Terms Explained	Rate	Usage	Cost [^]
Daily Supply Charge	Cost per day (90 days)	\$1.8/day	90 days	\$162
Total Peak	Peak is the time when electricity is most expensive	\$0.40/kWh	105 kWh	\$42.00
Total Shoulder	Shoulder is the time when electricity is at its standard rate	\$0.31/kWh	91 kWh	\$28.21
Total Off Peak	Off Peak is the time when electricity is the cheapest	\$0.23/kWh	327 kWh	\$75.21
Total Charges (incl. GST)	Total charges refers only from energy taken from Grid and does not include use of solar energy	--	523 kWh	\$338.16
Solar Feed-in	Rate your energy provider pays you on supply of power from your solar panels to the grid	\$0.07/kWh	1916 kWh	-\$134.12 Credit

[^] From your power bill

Est. Cost (90 Days)	Cost 7 Days*	Usage 7 Days*
\$162	\$12.6	7 days
\$50.76	\$3.96	9.89 kWh
\$30.97	\$2.41	7.76 kWh
\$77.42	\$6.02	26.16 kWh
\$353.27	\$27.49	77.36 kWh Solar House Use (-137.17kWh) Total House Use (77.36kWh)
-\$64.93 (Credit)	-\$5.05 (Credit)	238.16 kWh

*7 Days is our reading, other tables are averaged

Cost Comparison



The weekly CO2 emissions of this house is:

64.99 Kg CO2-e

Your family would need to plant or save around 3.05 trees to help offset their CO2 emissions.



3.05

Your Energy Analysis

Appliance Analysis

	Weekly Cost
Fridge	\$2.95
Kettle	\$1.88
TV	\$1.39
Dishwasher	\$0.60
Microwave	\$0.46
Iron	\$0.35
Washing Machine	\$0.16
Toaster	\$0.02

Circuit Analysis



Power
incl. Appliance

Cost: **\$15.93 Weekly**
Energy: **55.44 kWh**



Lighting

Cost: **\$1.94 Weekly**
Energy: **6.34 kWh**



Cooking

Cost: **\$1.69 Weekly**
Energy: **5.96kWh**



Aircon

Cost: **\$3.01 Weekly**
Energy: **9.63 kWh**



Hot Water

Cost: **\$11.08 Weekly**
Energy: **36.47 kWh**



Solar

Savings: **\$45.06**
Generated: **238.16 kWh**



Total energy cost: \$22.57 Weekly (Excl. Daily Supply & Demand Charges)

Total energy usage: 77.36 kWh

Energy Usage Colour Code



HIGH



AVERAGE



EFFICIENT

Recommendation Samples

AC STANDBY ENERGY HIGH

Key Insights

Wattage is constantly shown as running on all 3 phases of the AC during the week. This varies between 200W – 300W combined of those circuits. No result of 0W was seen, indicating AC always draws energy even in Standby mode.

Recommended Action

- Contact an Air-conditioning company to check settings and unit efficiency.
- Research model and brand to see if there is any energy efficiency issues with your product

UNDERFLOOR HEATING

Key Insights

The average from our reports for this device is around 5.44 kWh. Your Underfloor Heating consumed a total of 5.63 kWh, 40% of your total energy usage, close to our average.

Recommended Action

- Check timer connected to Under Floor Heating and adjust schedule.
- Timer is set around the PEAK rate time frames and maybe worth switching off earlier or running for a shorter duration.

METER TO FLAT

Key Insights

Since the Power Audit Report results were significantly lower than your recorded energy bill, we conducted a test to verify that all energy measured by your meter was being directed solely to the sub-board in your apartment.

The results confirmed that there is no excess or external energy usage, energy from the meter is being used exclusively by your flat.

Therefore, the higher energy readings on your bill are indeed originating from within your apartment. Following this, we performed further testing on all individual circuits to identify the specific sources of usage.

NO SOLAR TO GRID

Key Insights

Solar results show Inverter is running but it is not producing enough energy to cover the whole house usage. Energy is still taken from the Grid but nothing is sent to the Grid. This will indicate a low rebate from Solar.

Note too Solar inverter has a wattage reading while no sun is present. This ranged around 8.32kWh per week, taken sun is every day. For 90 days its around 104kWh to total house usage. This is not in the totals as we don't have an input to show this.

Recommended Action

- Contact Solar Company to investigate inverter. Repairs maybe required. Results show 1.8kW was max panels could reach.

This Power Audit Report offers insight on up to 16 electrical circuits & 8 appliances and is not personal financial product advice. The advice is general in nature, it does not consider your objectives, financial situation or needs. Our company will not be held responsible for any decision or action made based on the information provided in this Power Audit Report. For more information, see our disclaimer.



Total Electricity Usage

Total electricity used in your home shown by different categories



77.36

Total Usage, kWh

\$22.57

Total Cost, per week

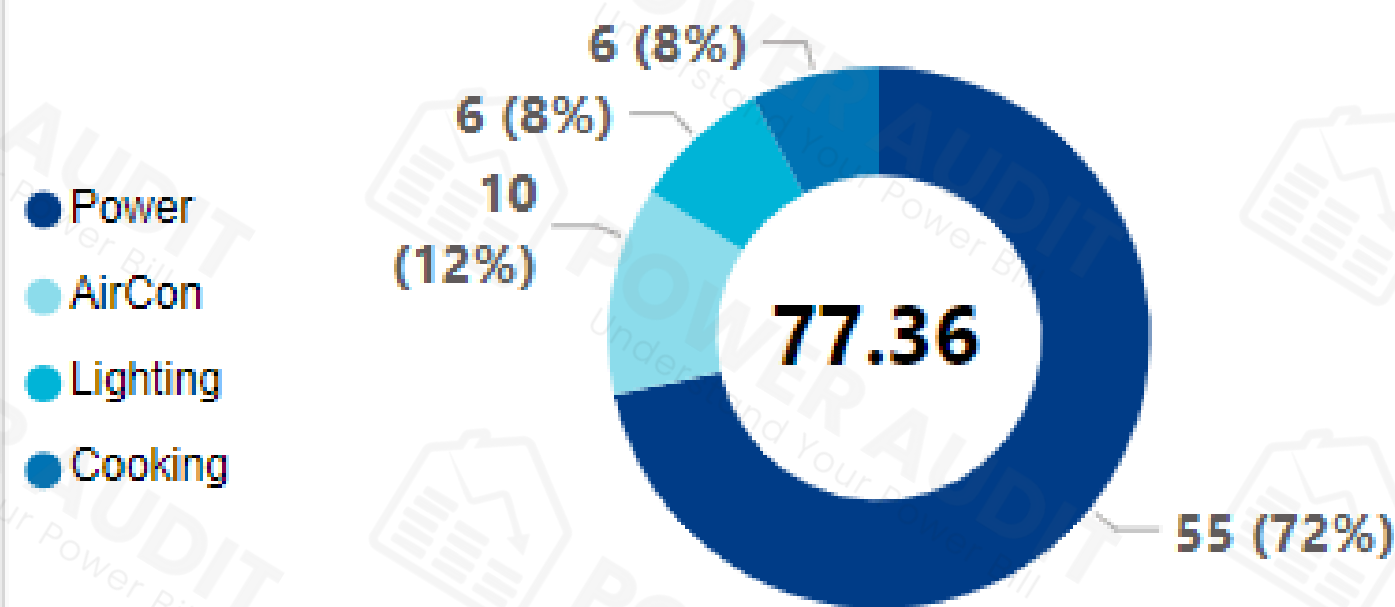
11.05

Avg Usage, per day

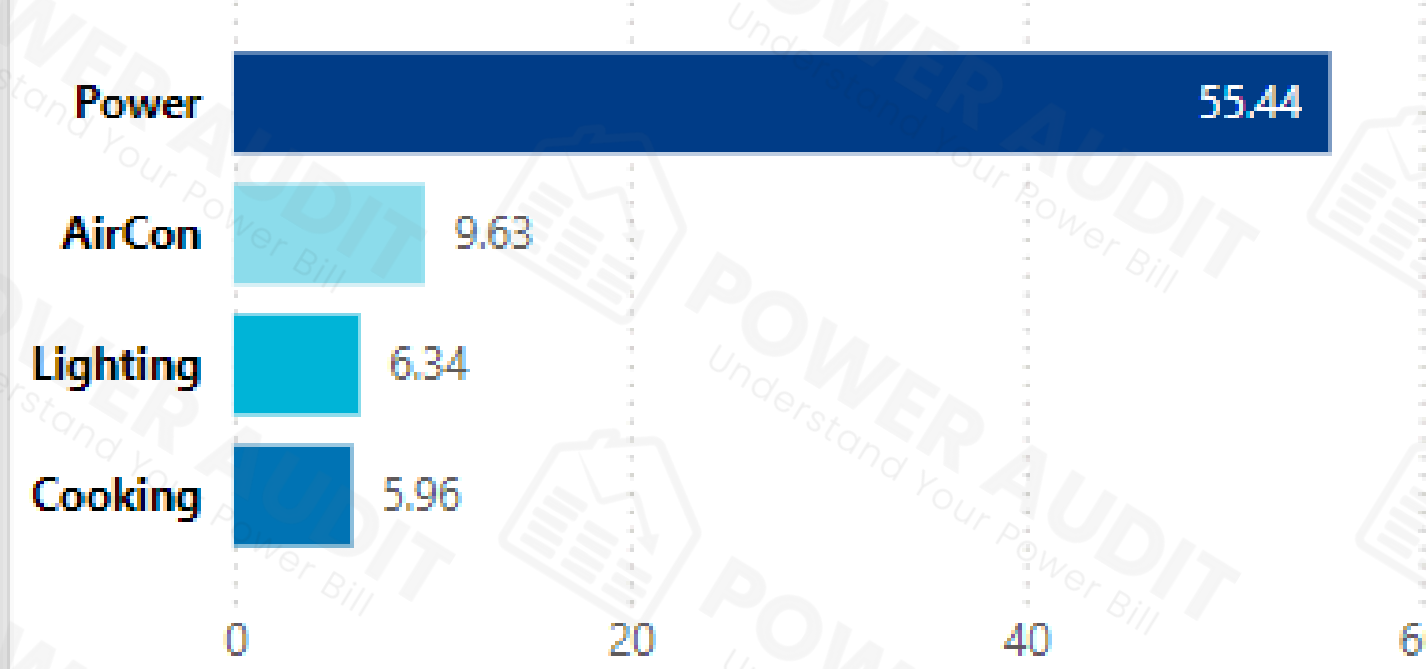
\$3.22

Avg Cost, per day

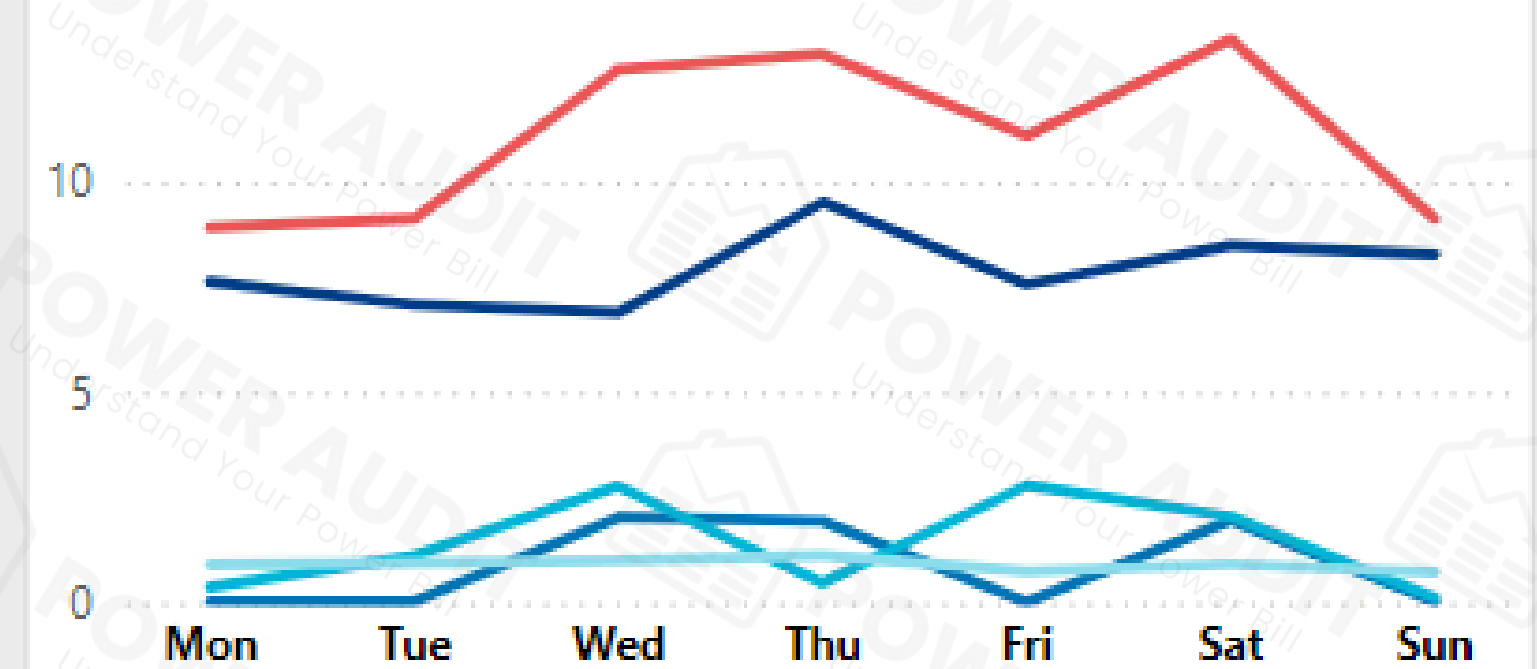
Electricity Usage (kWh) by Category, %



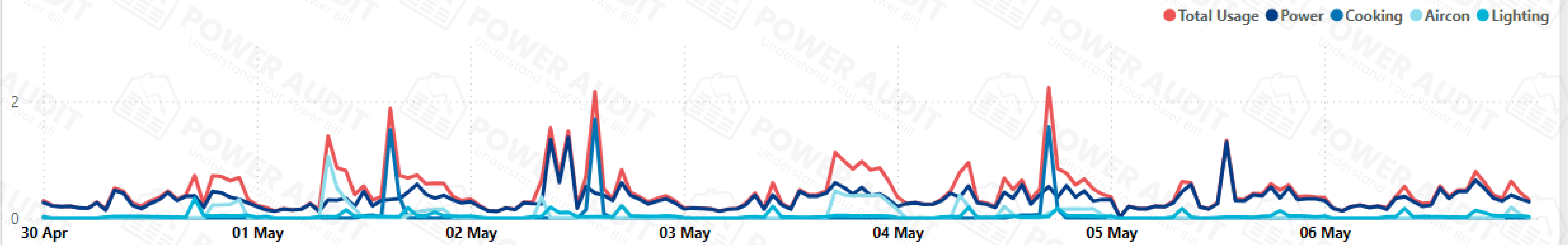
Electricity Usage (kWh) by Category



Electricity Usage per Day, kWh



Electricity Usage per Day, kWh





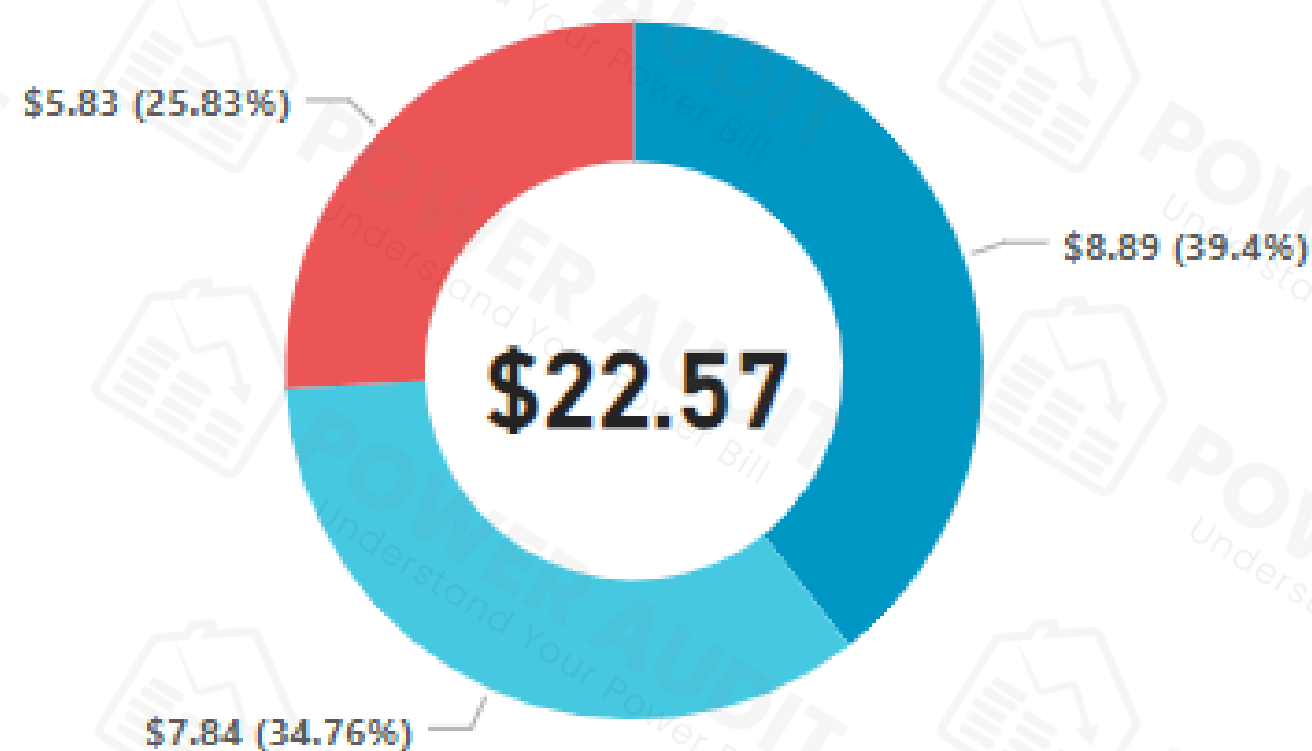
Time-of-Use Totals

Electricity usage during peak, shoulder and off-peak hours



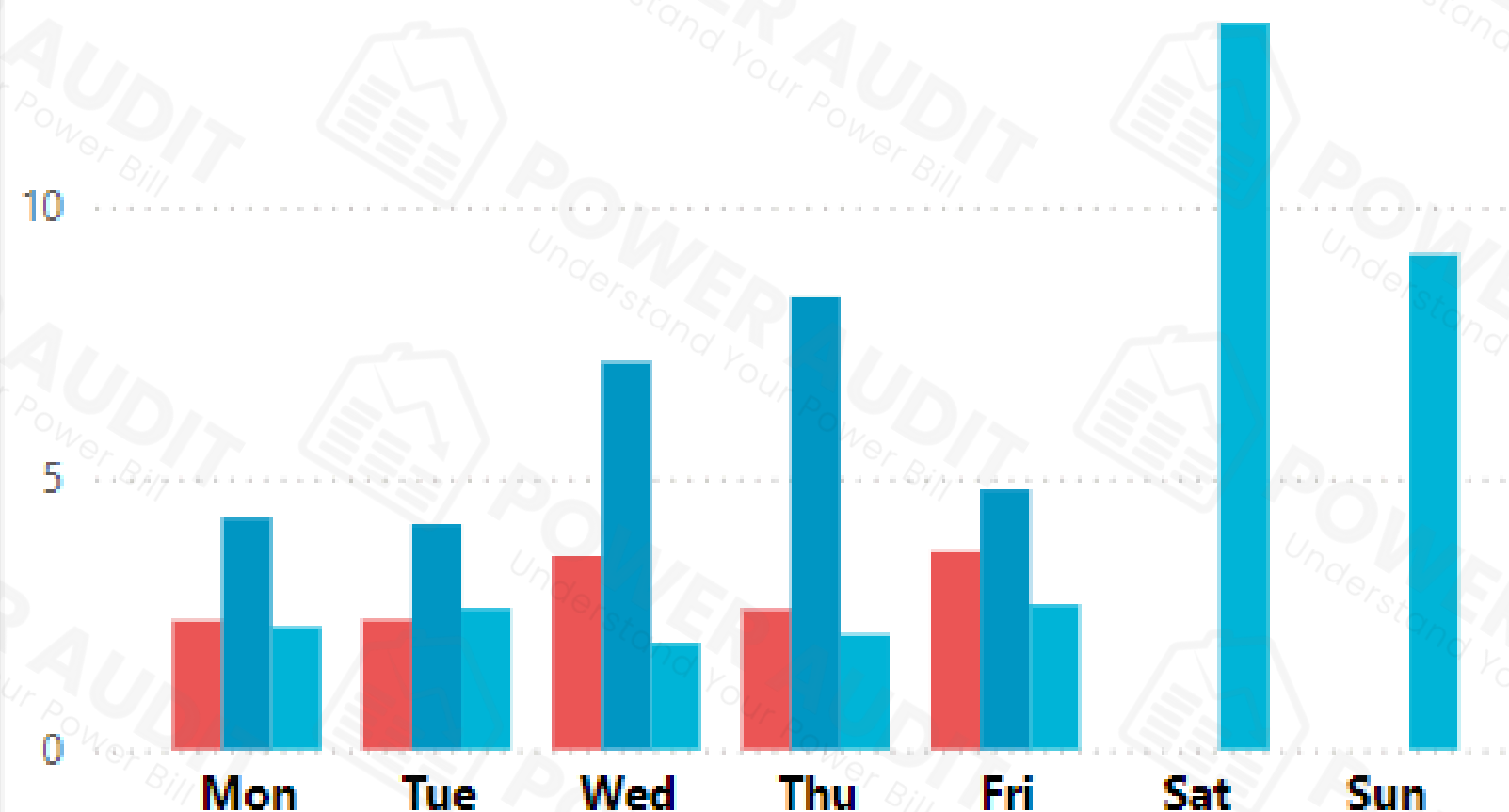
Peak, Shoulder, Off-Peak, Cost

Shoulder Off-Peak Peak



Peak, Shoulder, Off-Peak, kWh by Day

Peak Shoulder Off-Peak



77.36

Total Usage, kWh

\$22.57

Total Cost

14.57

Peak Usage

\$5.83

Total Peak Cost

28.68

Shoulder Usage

\$8.89

Total Shoulder Cost

34.11

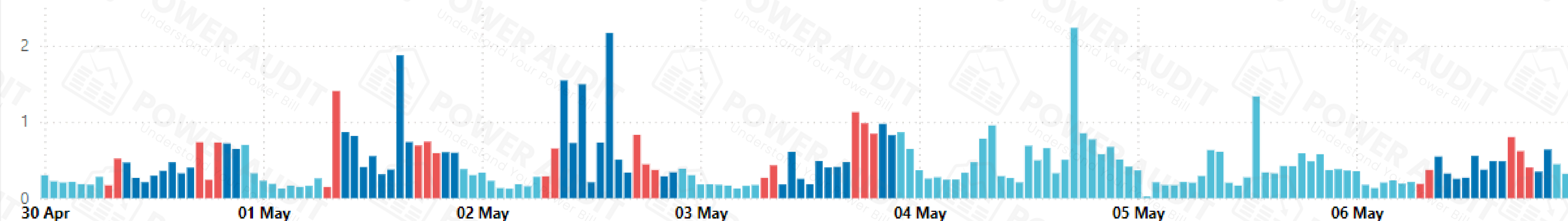
Off-Peak Usage

\$7.84

Total Off-Peak Cost

Overall Power Usage Over Time by Peak, Shoulder, Off-Peak

Peak Shoulder Off-Peak



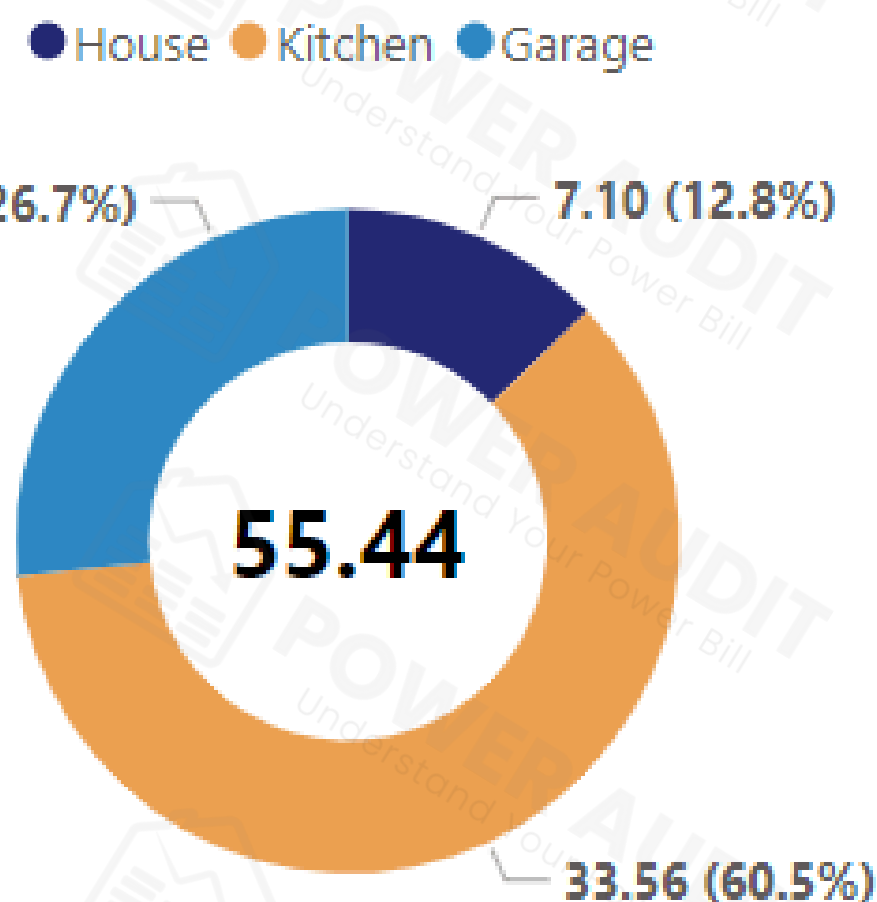


Power Circuit Results

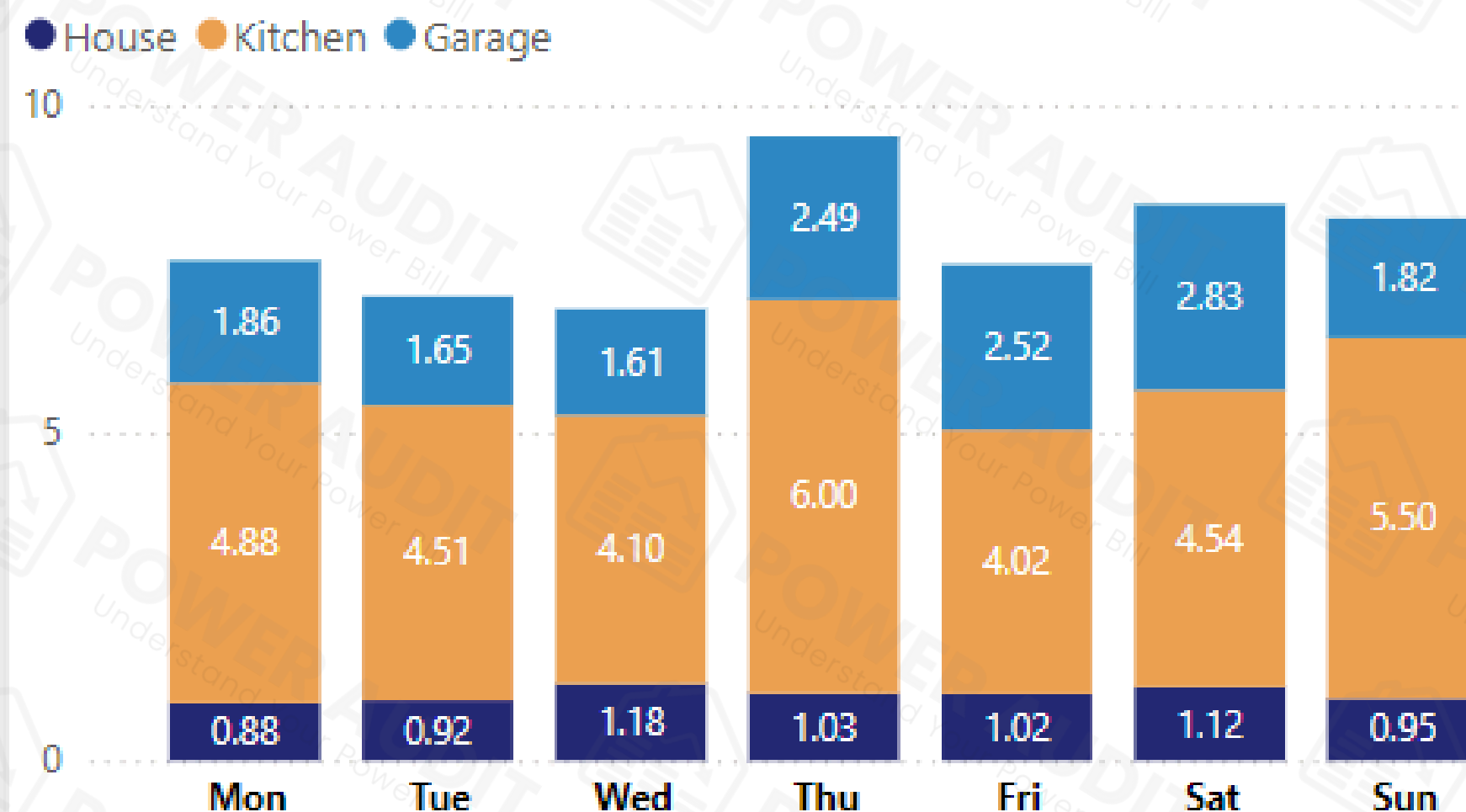
Electricity usage and costs of all your power circuits



Power Circuits, kWh % Percentage



Power Circuits per Day, kWh



55.44

Total Power, kWh

\$15.93

Total Power Cost

7.10

House

33.56

Kitchen

14.78

Garage

\$2.06

House

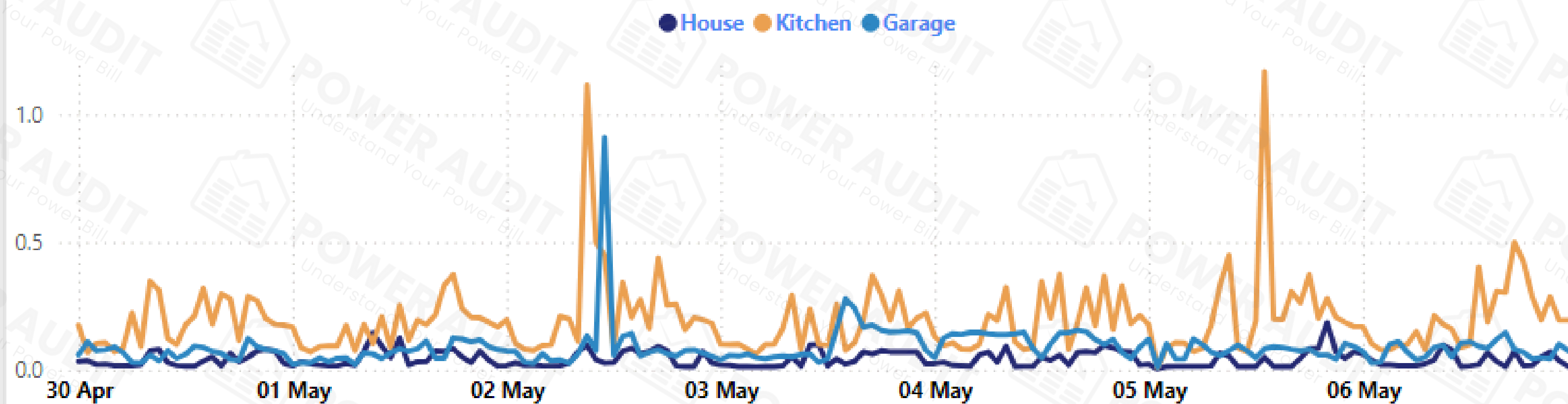
\$9.71

Kitchen

\$4.16

Garage

Power Circuits Overtime by Hour, kWh



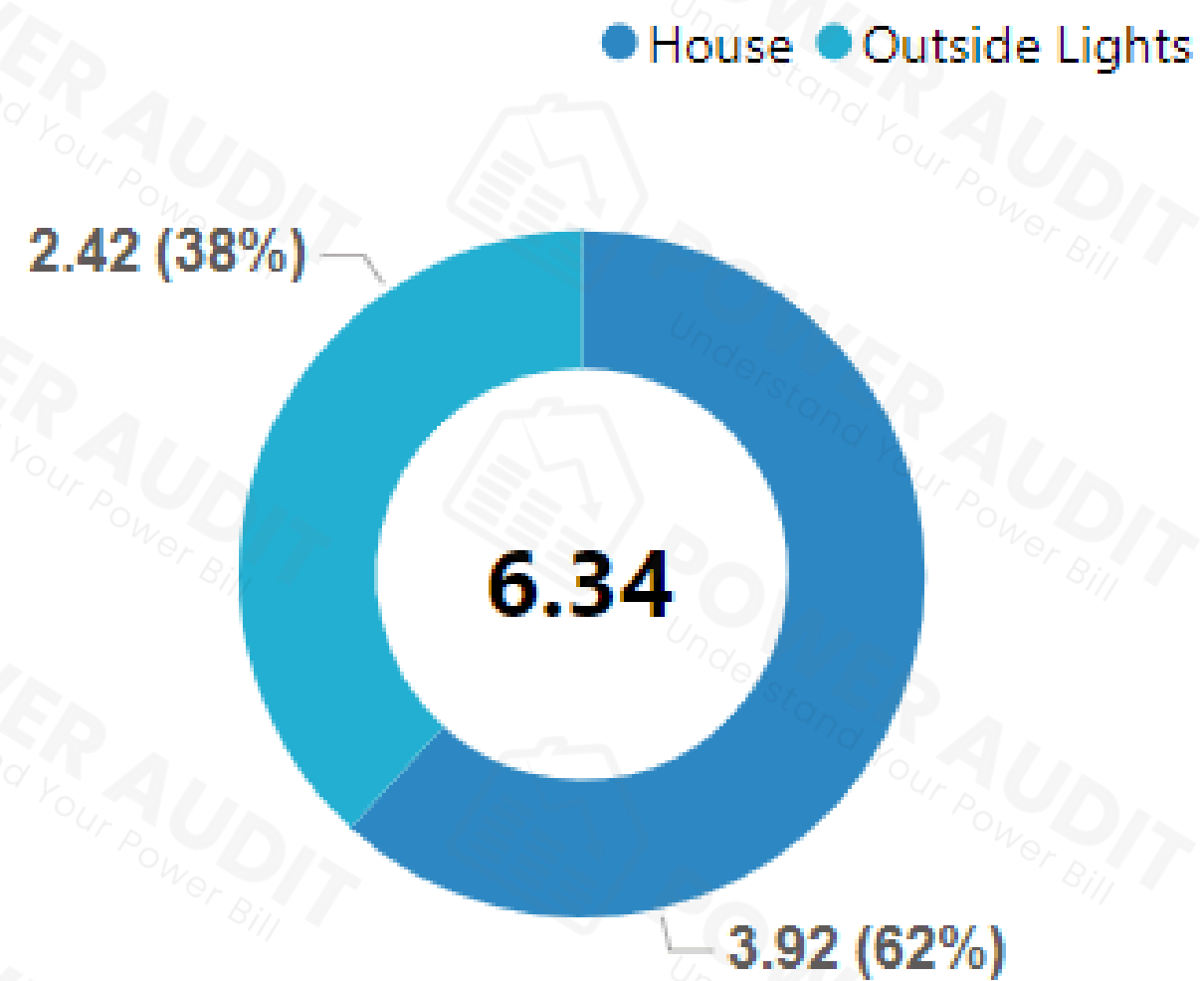


Lighting Results

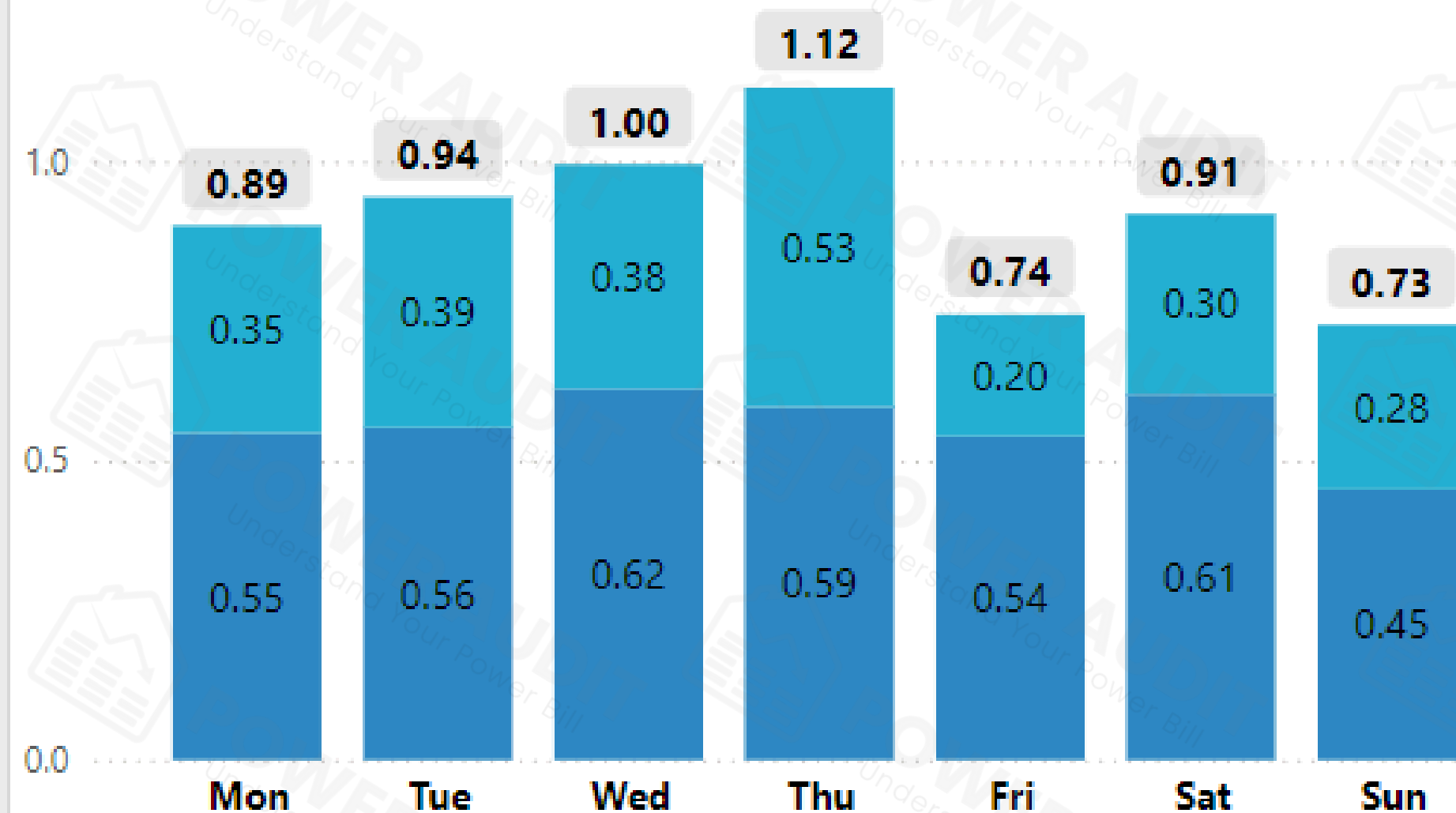
Electricity usage and costs of your lighting.



Lighting, kWh %



Lighting Weekly Electricity Usage (kWh) by Day



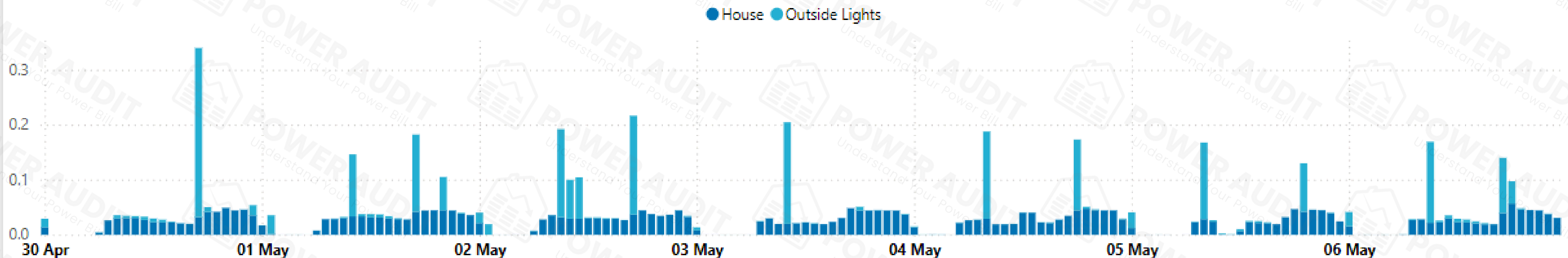
6.34
Total Lighting, kWh

\$1.94
Total Lighting Cost

3.92
House
2.42
Outside Lights

\$1.17
House
\$0.76
Outside Lights

Lighting Over Time, kWh



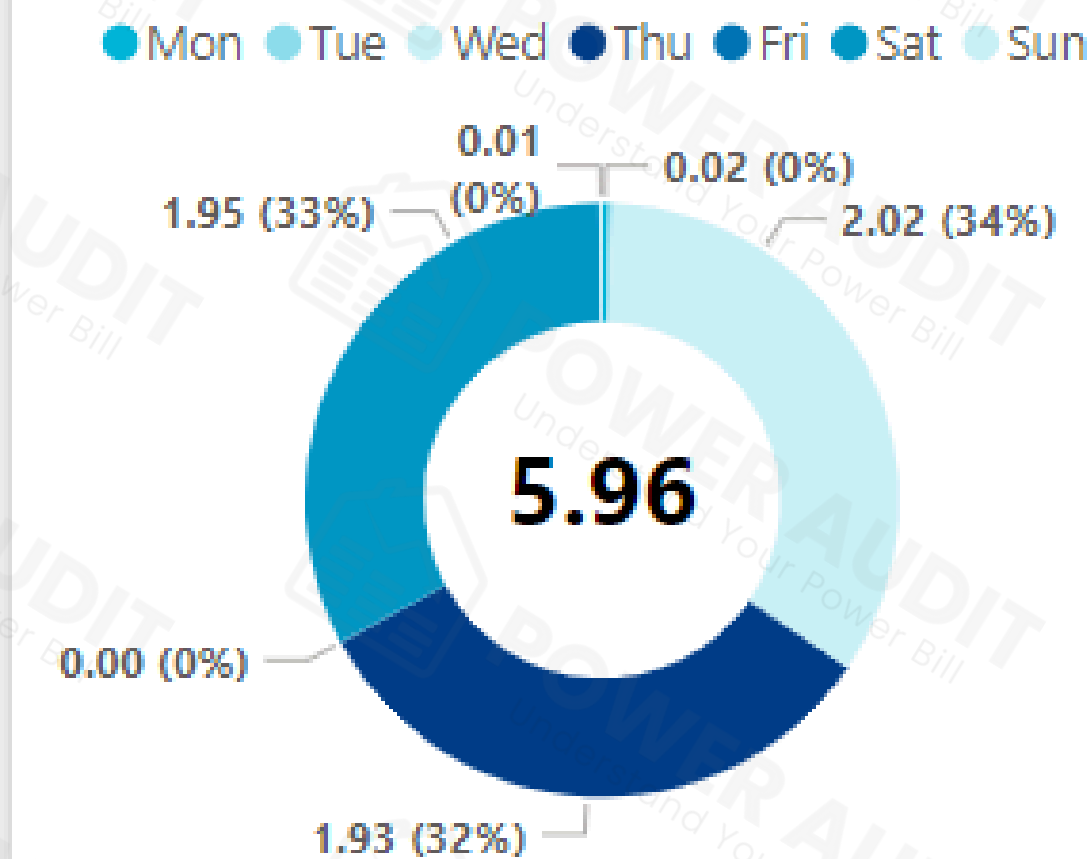


Cooking Results

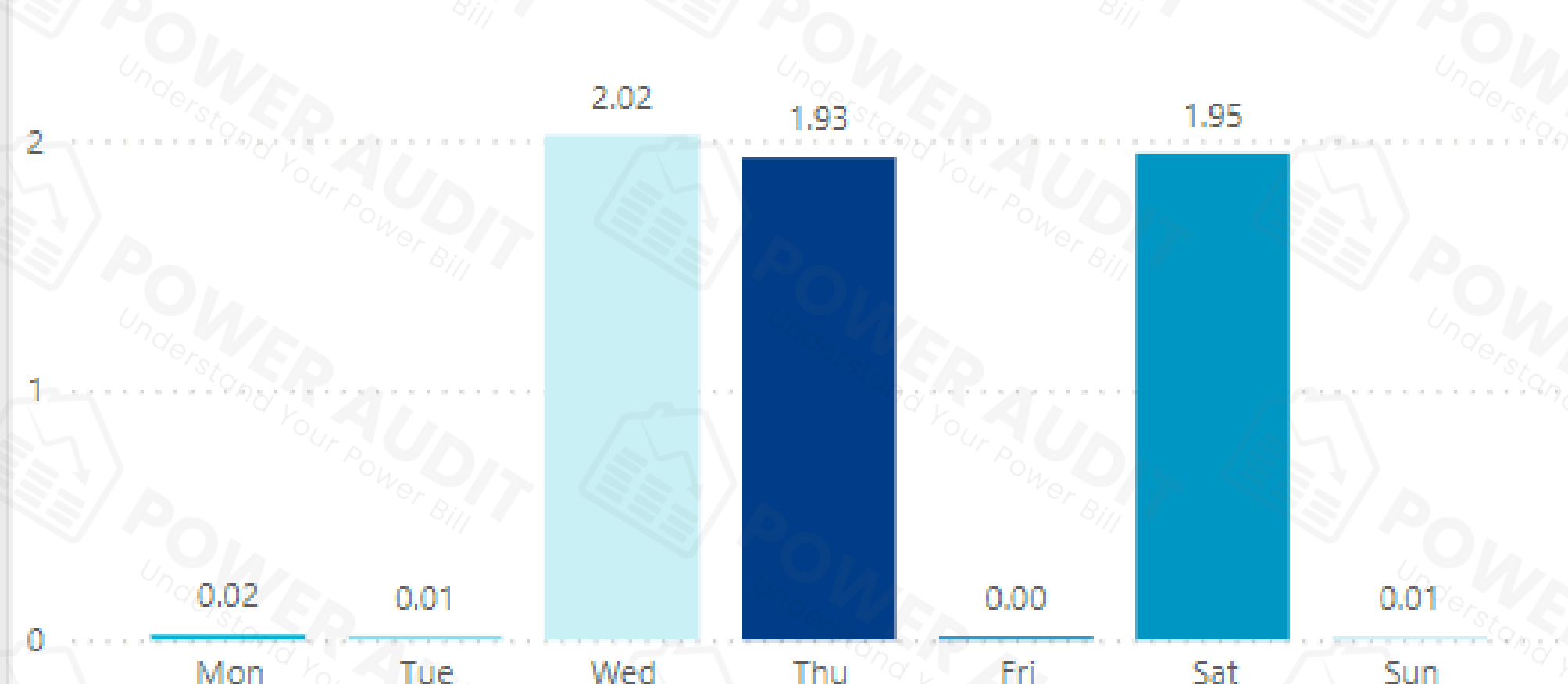
Electricity usage and costs of your circuits involving cooking



Weekly Electricity Use (%) by Day



Weekly Electricity Use (kWh) by Day



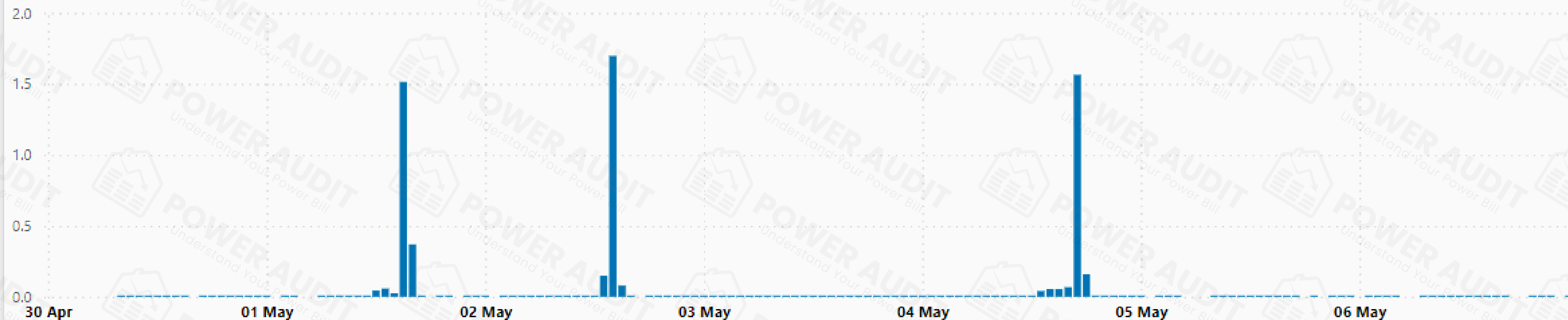
5.96
Total Cooking, kWh

\$1.69
Total Cooking Cost

5.96
Wall Oven

\$1.69
Wall Oven

Cooking Over Time, kWh





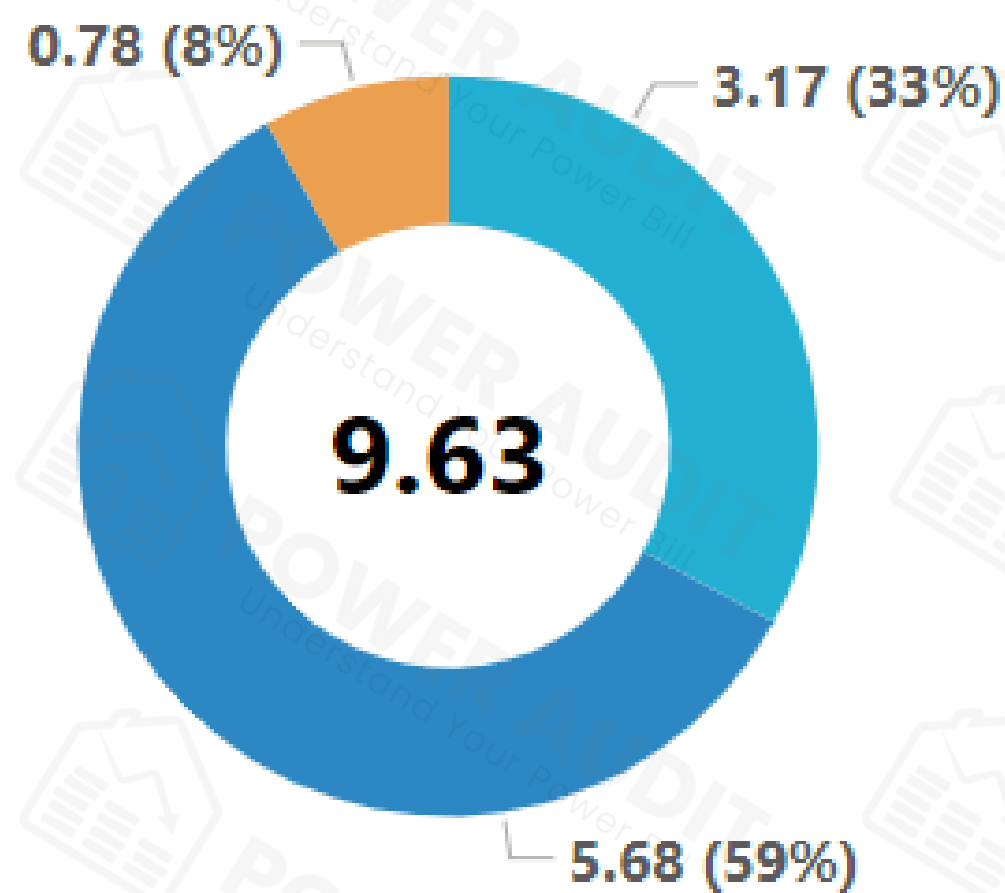
Aircon Results

Electricity usage and costs of your air conditioners.



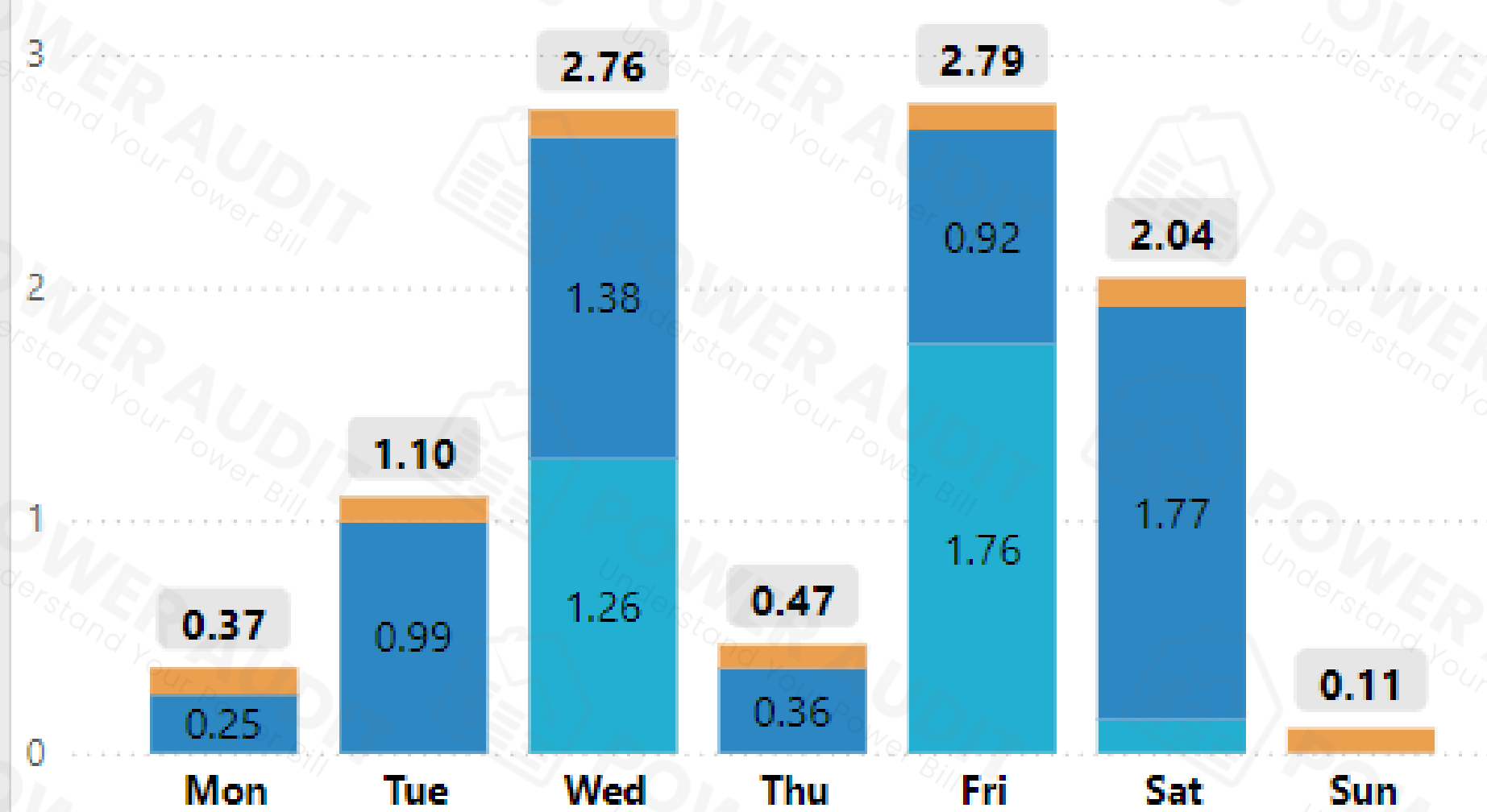
Aircon, kWh %

● Lounge Room ● Upstairs ● Office



Aircon Weekly Electricity Use (kWh) by Day

● Lounge Room ● Upstairs ● Office



9.63

Total Aircon, kWh

\$3.01

Total AirCon Cost

3.17

Lounge Room

\$1.03

Lounge Room

5.68

Upstairs

\$1.76

Upstairs

0.78

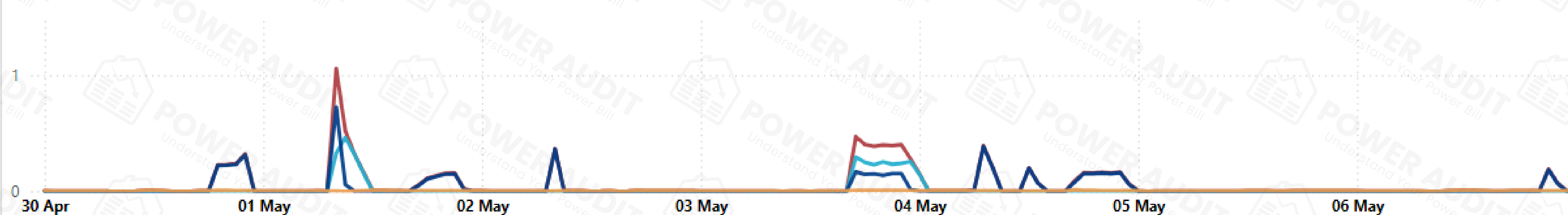
Office

0.22

Office

Aircon Over Time, kWh

● Total Aircon ● Lounge Room ● Upstairs ● Office





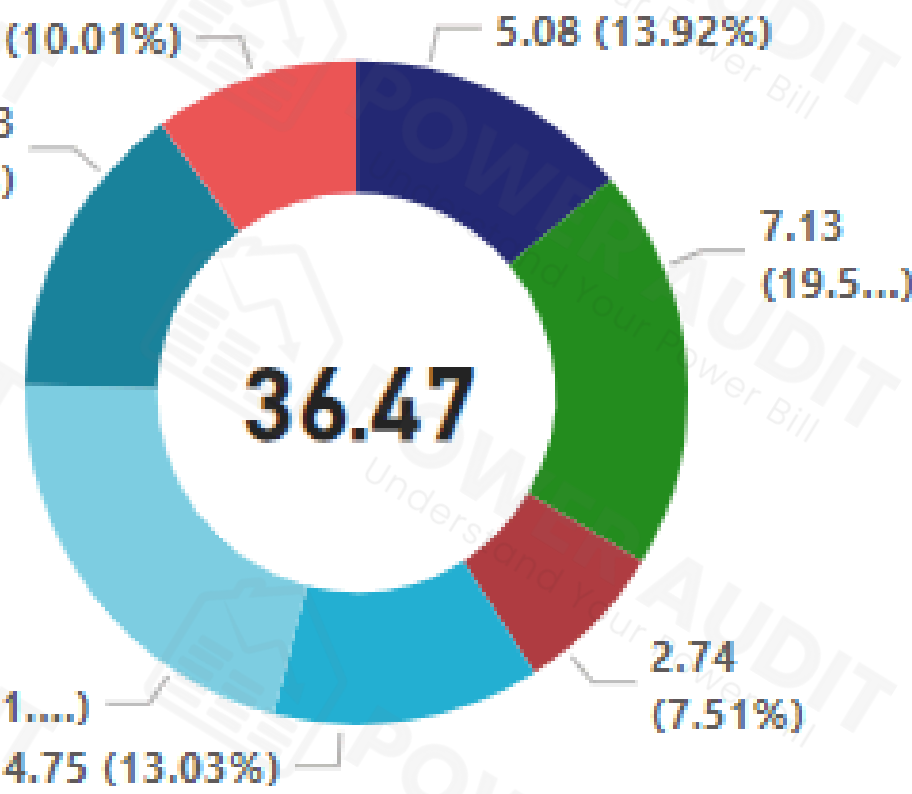
Hot Water Results

Electricity usage and costs of your hot water.

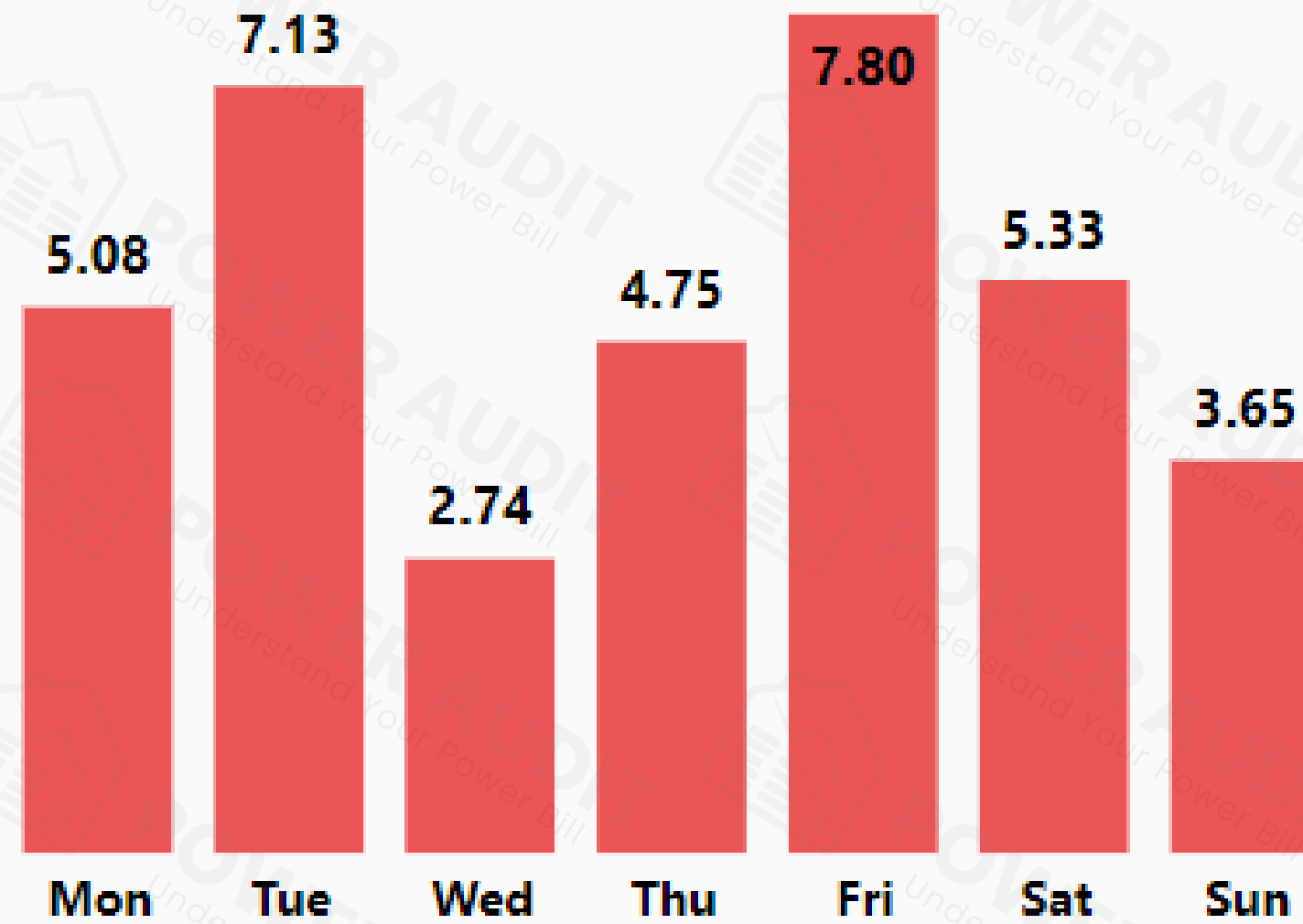


Hot Water, kWh by Day Of Week %

● Mon ● Tue ● Wed ● Thu ● Fri ● Sat ● Sun



Hot Water by Day, kWh



36.47

Total Hot Water, kWh/week

\$11.08

Total Hot Water Cost/week, \$

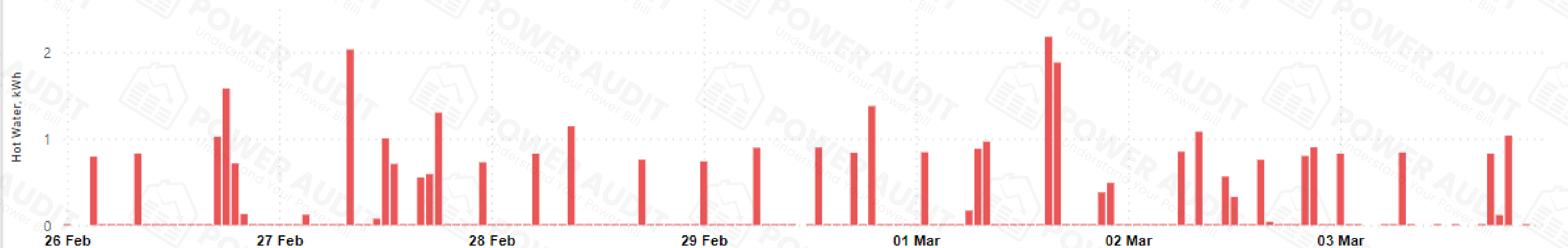
5.21

Avg Hot Water, kWh/day

\$1.58

Avg Hot Water Cost, \$/day

Hot Water Over Time, kWh



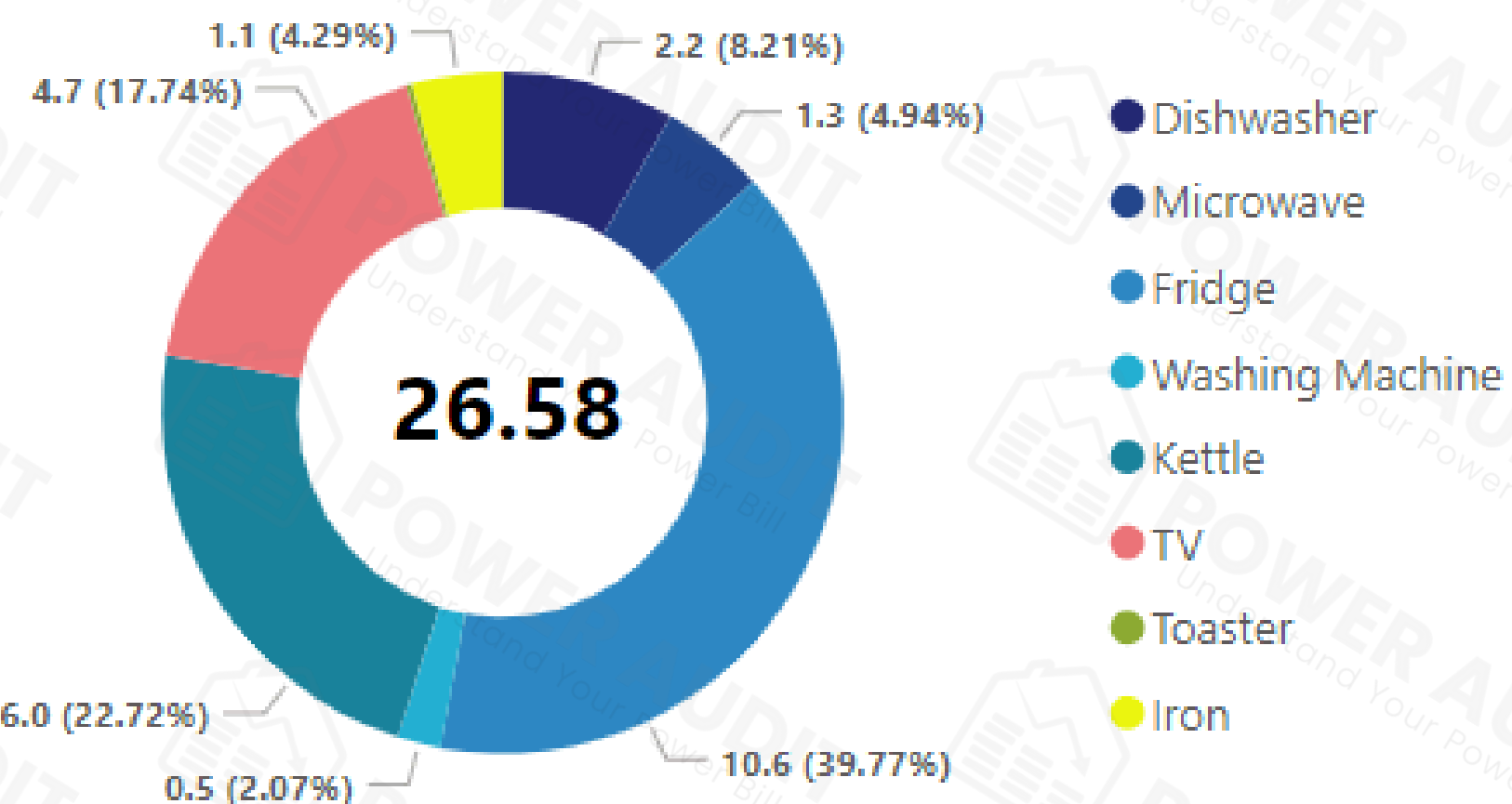


Appliance Results

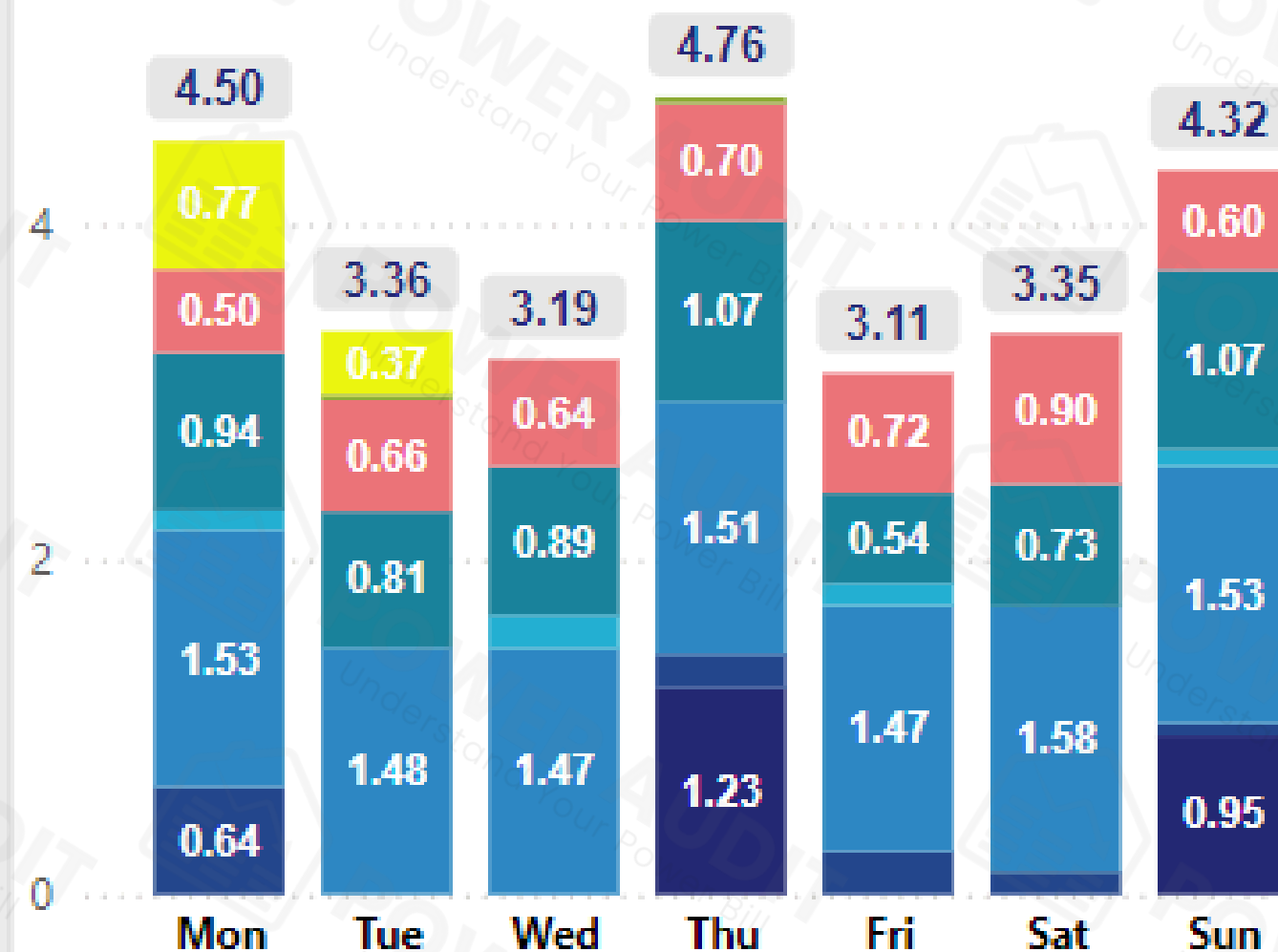
A view of your appliance's electricity usage and costs



Appliances, kWh %, A Week



Appliances, kWh by Day



26.58

Total Appliance, kWh

\$7.81

Total Appliance Cost

2.18

Dishwasher

\$0.60

Dishwasher

1.31

Microwave

\$0.46

Microwave

10.57

Fridge

\$2.95

Fridge

0.55

Washing Machine

\$0.16

Washing Machine

6.04

Kettle

\$1.88

Kettle

4.71

TV

\$1.39

TV

0.07

Toaster

\$0.02

Toaster

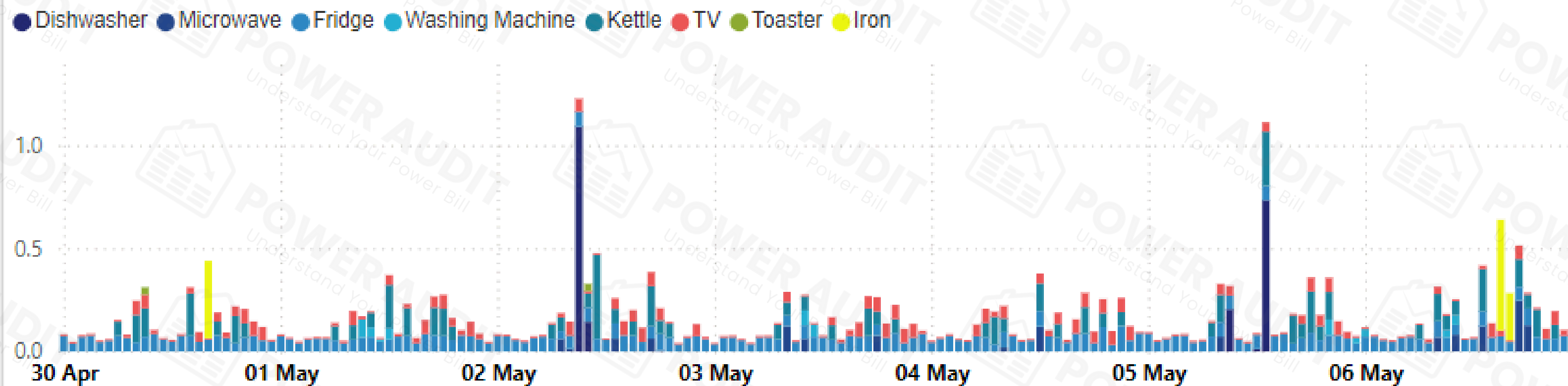
1.14

Iron

\$0.35

Iron

Appliances Over Time, kWh



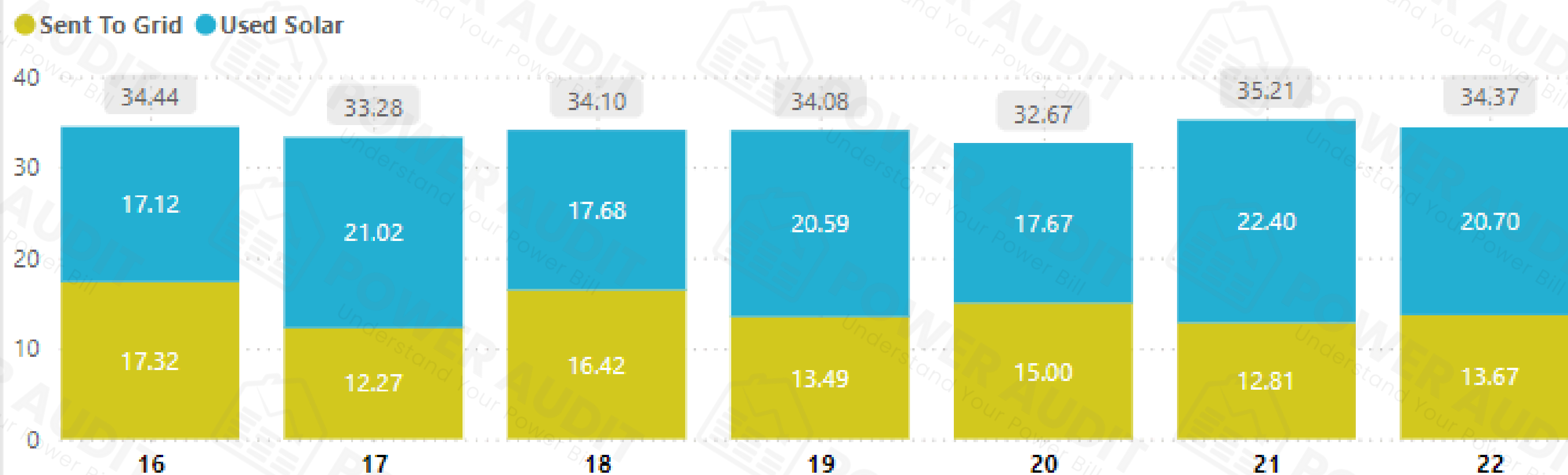


Solar Results ENERGY GENERATION

A Projection of your Solar Energy vs your Energy Consumption.



Total Solar (kWh) Home Use and Sent to Grid



Total Solar Generation, kWh

238.16

Sent To Grid

100.99

Solar Feed in Rate

\$0.05

Credit

\$5.05

Used Solar

137.17

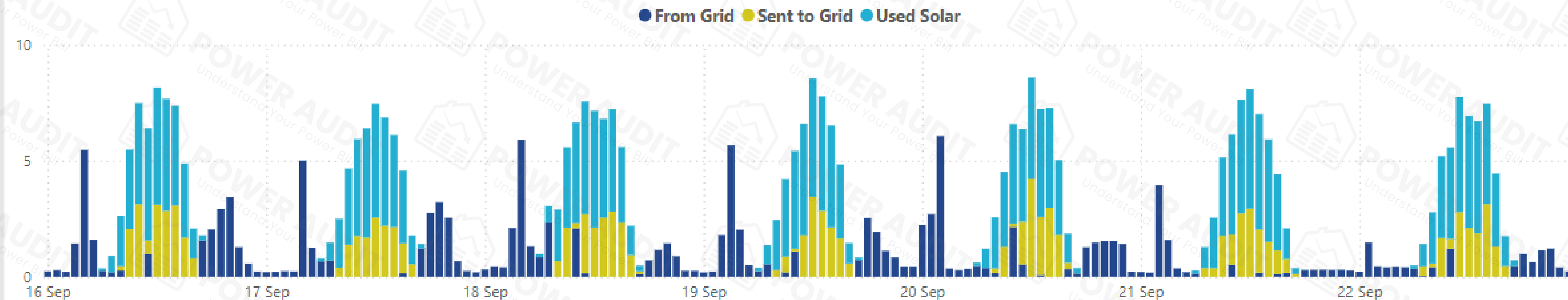
Rate

\$0.32849

Solar Saving

45.06

Electricity Used From GRID, Used My Solar and Sent to Grid Over Time by Hour





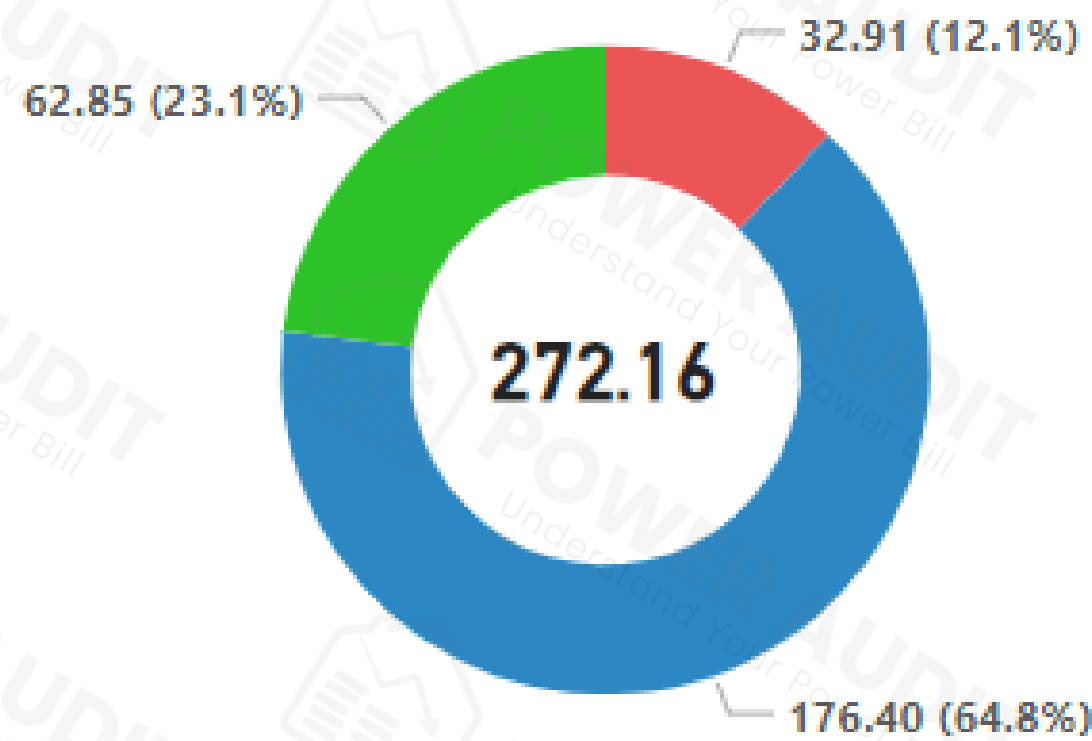
Battery Results

A Projection of your Battery Energy vs your Energy Consumption.

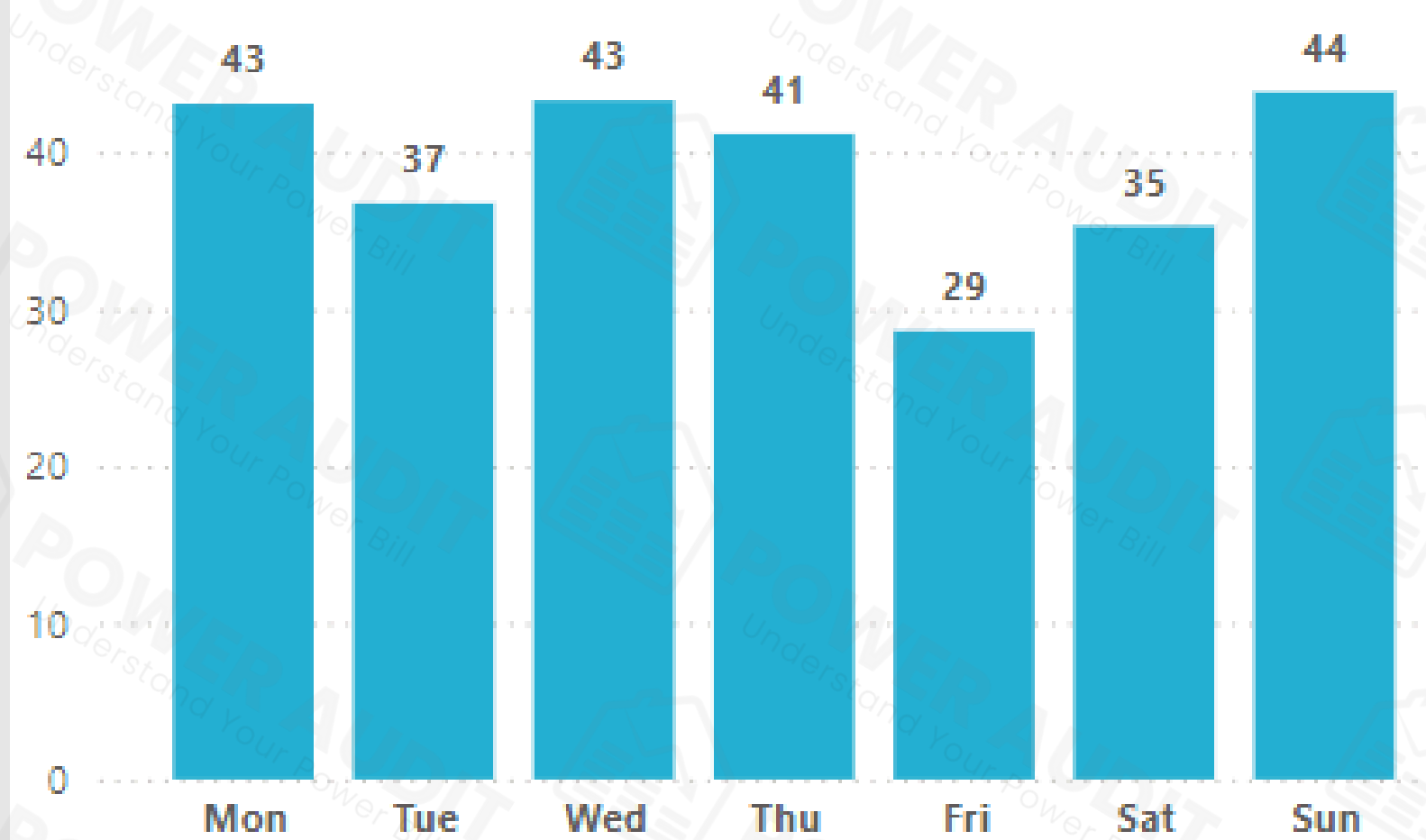


Battery Time of Use (%)

● Peak Usage ● Shoulder Usage ● Off-Peak Usage



Battery Usage by Day Of Week



Total Battery Usage

272.16

3 Phases From Tesla Gateway

246.84

3 Phases To Tesla Gateway

25.32

Total Battery Credit

\$90.36

3 Phases From Tesla Gateway

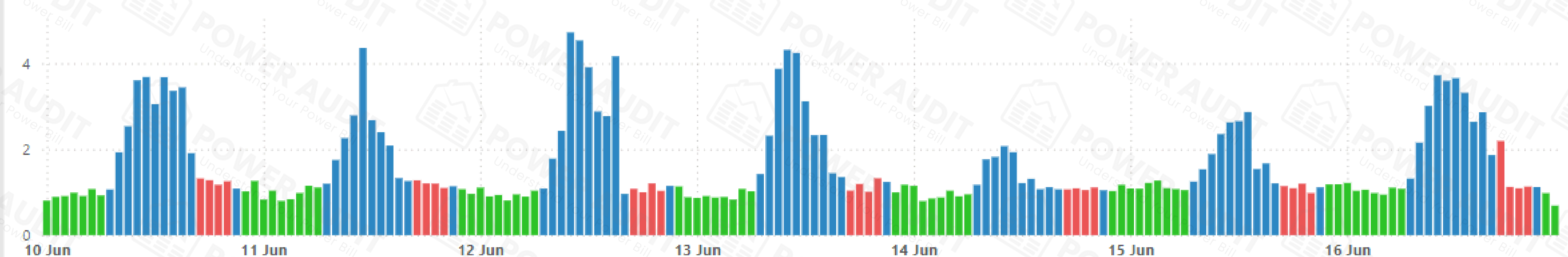
\$82.10

3 Phases To Tesla Gateway

\$8.26

Battery Time of Use Over Time by Hour

● Peak Usage ● Shoulder Usage ● Off-Peak Usage





THANK YOU FOR CHOOSING



POWER AUDIT®

Understand Your Power Bill



PLEASE SCAN THE QR CODE
TO ACCESS A SURVEY TO
HELP US IMPROVE OUR
REPORTS

DISCLAIMER:

The information on this report provided by Power Audit Pty Ltd is intended to be general in nature and is not personal financial product advice. Our reports are designed to offer valuable insights into your electricity usage, providing data on up to 16 circuits and 8 appliances. It aims to help you understand your power consumption patterns and calculate potential costs associated with your energy usage. However, it is crucial to acknowledge that the accuracy of the data relies heavily on the information input and the functionality of the monitoring system.

Please be aware that while we strive to ensure the utmost precision in our Power Audit Reports, occasional discrepancies or technical limitations may occur. The Power Audit Report's calculations are based on current electricity rates, which are subject to change by your utility provider. Consequently, the presented cost estimates are from data results and intended for informational purposes only.

We Strongly advise consulting your utility bills for precise electricity costs and utilizing the Power Audit Report as a helpful tool to identify potential areas for energy efficiency improvements. Our company will not be held responsible for any decision or action made based on the information provided in this Power Audit Report.