Ausgrid

A how-to guide for using your SwitchDin account
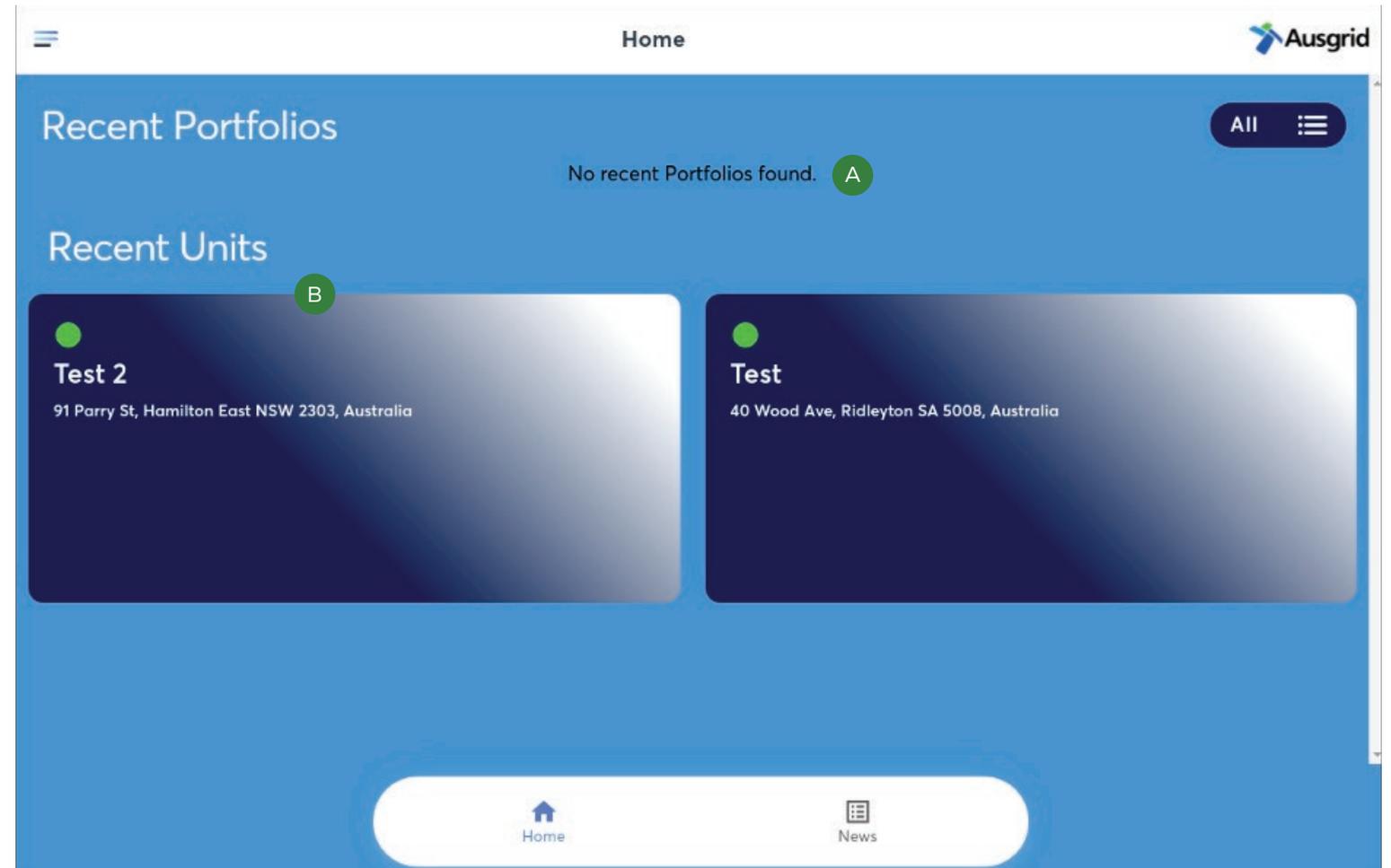
Ausgrid Community Battery trial

Contents

Home page

After logging in you will see the Home Page

(A) If your property isn't visible on the home page yet, you may need to click the menu bar on the left, and select 'portfolio monitoring' to get started.

(B) **Recent Units**
Select your address to view your live data

Overview page

The overview page shows your live data summary

A How your current power flows to/from the grid and your solar system (kW values). This data is updated every 10 seconds.

B Summary of daily virtual storage used out of the daily 10kWh limit, as well as total credit payments earned for the previous day, the quarter and in total.

The energy stored value represents energy put into your virtual storage on that day, but not the energy that is taken out. The latter is calculated at the end of each day when energy stored is reset to zero.

C Current weather

D An estimation of environmental savings*

* The environmental savings is expressed as a carbon dioxide emissions reduction equivalent using the solar production from your system. This is estimated using an average of 0.71 kg Co2 per kWh (US average) for grid-supplied electricity.

The equivalent average for grid electricity supplied in NSW is 0.89 kg CO2 per kWh so you can multiply this value by 1.25 for NSW equivalent.

NOW

Live data

ENERGY

Summary of total energy use over a time period

ANALYTICS

View detailed meter data and your major appliance data, if this was selected

STREAM

Shows current measurements being received by a device. It also shows a brief history of the data

< Test 2   Ausgrid

Now   Energy   Analytics   Stream

A

1.4 kW
Home usage

9.7 kWh
Consumed today

17.2 kWh
Generated today

3.5 kW
Grid
Exporting

4.9 kW
Solar
Generating

B

Community Battery

Your Virtual Storage Today   **74.60** %

7.46 kWh
Energy Stored

10.00 kWh
Daily Limit

Your Credits

Yesterday	$ 1.35
This Quarter	$ 45.90
Total Earned	$ 45.90

Looking for more information or support?
Visit My Battery Hub:
CLICK HERE

Powered by Ausgrid

C

Weather   10.40h of sun

Average daily solar production (based on the past week)
16.33 kWh

21°C/17°C
in Newcastle
Clear Sky

6:47
5:11

D

Carbon   In the past 7 days

0.079
Tonnes of CO2 avoided
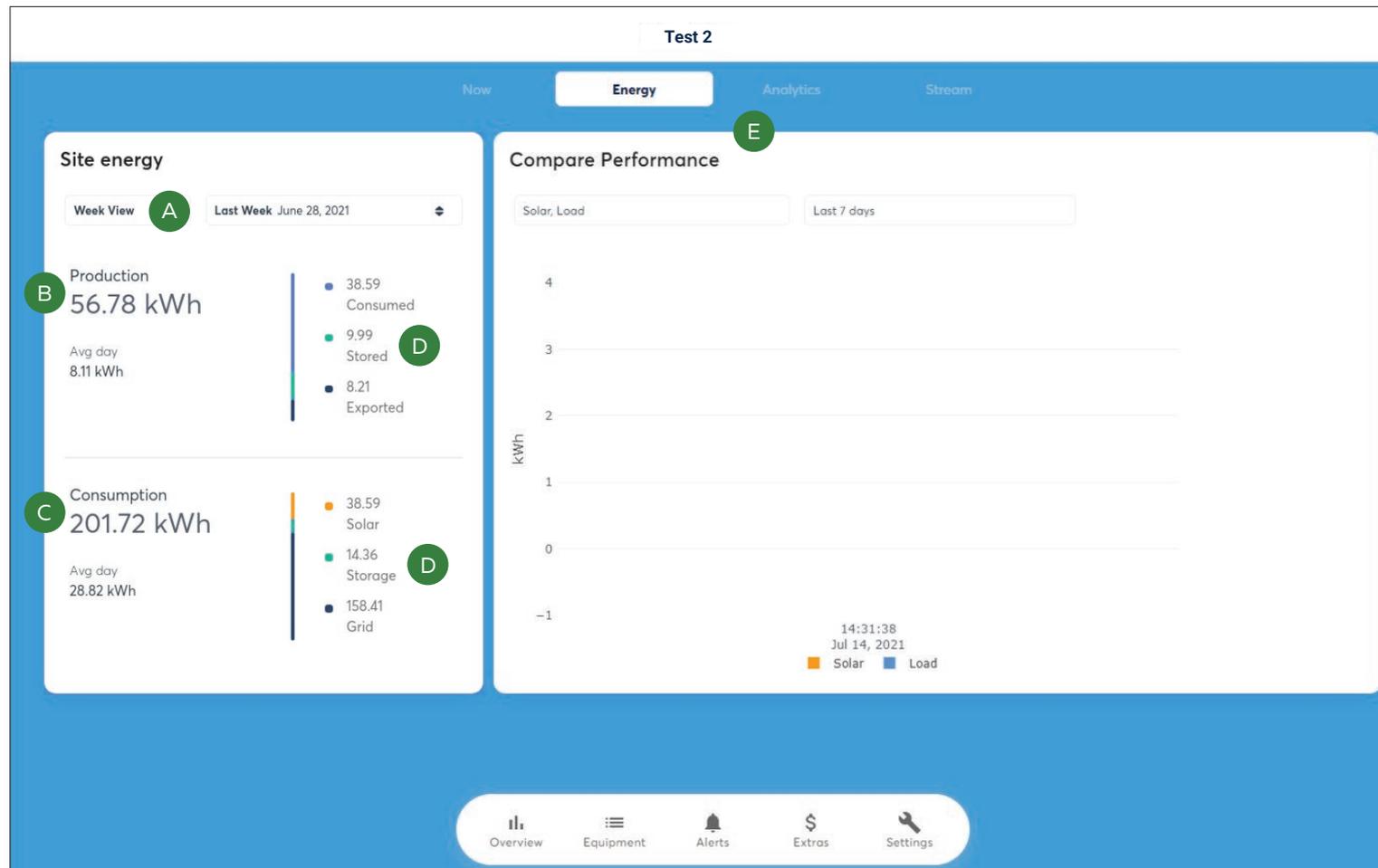
112
kWh energy produced

1
Equivalent trees planted

Overview   Equipment   Alerts   Extras   Settings

Overview page

Droplet information

Payment summary

Energy page

The energy tab gives a summary of the total energy use over a determined time period (a day, week, month or year)

A Select the time frame. Use the two drop down menus to select the time period.

B **Production**
Total amount of energy generated by the solar panels in the time frame, and a breakdown of where that energy was used: consumed by the home load or exported to the grid.

C **Consumption**
Total amount of energy consumed by the load, and a breakdown of where that energy came from. The energy consumption sources are solar panels and grid import.

D The 'storage data' is linked to household batteries, not the Community Battery. The data here will only populate for household batteries.

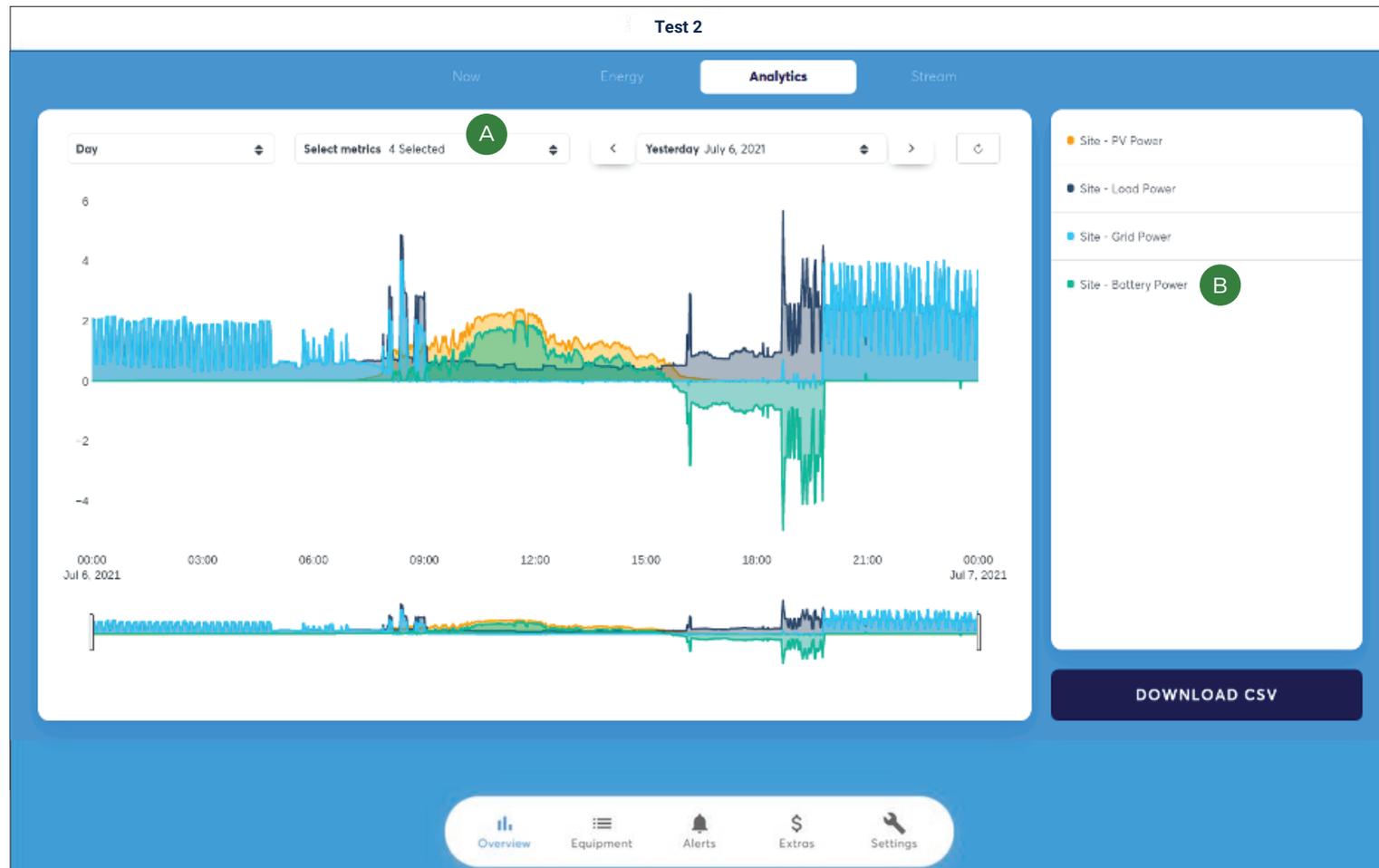**E** A comparison of consumption and production on an hour by hour basis for the current day, or a daily basis for the past week or month.

Screenshot content

Test 2

Now | **Energy** | Analytics | Stream

Site energy

Week View **A** | Last Week June 28, 2021

Production **B**
56.78 kWh
Avg day
8.11 kWh

- 38.59 Consumed
- 9.99 Stored **D**
- 8.21 Exported

Consumption **C**
201.72 kWh
Avg day
28.82 kWh

- 38.59 Solar
- 14.36 Storage **D**
- 158.41 Grid

Compare Performance **E**

Solar, Load | Last 7 days

kWh
4
3
2
1
0
−1

14:31:38
Jul 14, 2021
Solar | Load

Overview | Equipment | Alerts | Extras | Settings

Analytics page

View detailed meter data here such as your daily energy usage patterns from the grid, your solar system and your major appliance

A Select the major household appliance here to see usage data.

Click 'Select metrics', scroll down to your major appliance, e.g. 'Air Conditioner' and click 'AC Active Power' under that category.

* Note this is only available if it was agreed with Ausgrid at the time of Droplet installation.

B Refers to household battery and not community battery

Extras page

This page shows you a monthly summary of your community battery credit payments (CR) that will be paid quarterly into your bank account from Ausgrid. It also includes an estimate of your electricity bill charges based on the retail plan rate information provided and the energy flows being measured by the Droplet

A Your accumulated community battery credit payments

B A breakdown of your accumulated community battery credit payments

C Demand
This feature is not enabled for the trial so will remain at zero

D Usage
includes Energy Usage Charges and Community Battery Credits

E Service
Estimated daily supply charges for the month

F Total charges
An indication of your estimated total electricity costs per month including community battery credits, and the energy usage and service charges. You are not charged this amount

Simulator

Costs

JUNE 2021

C Demand	D Usage	E Service	F Total charges
$0.00	$1.43	$12.30	$13.73

Summary of Costs

Tariff	Demand	Usage	Service	Total
Community Battery Credits	$0.00	$0.51 CR	$0.00	$0.51 CR
Energy Usage Charges	$0.00	$1.94	$0.00	$1.94
Service Charges	$0.00	$0.00	$12.30	$12.30

Community Battery Credits
Your monthly community battery credits are summarised below.

Description	Amount	Rate	Cost
Peak Storage	1.76 kWh	0.27 $/kWh	$ 0.48 CR
Shoulder Storage	1.49 kWh	0.02 $/kWh	$ 0.03 CR
Off Peak Storage	1.65 kWh	0.00 $/kWh	$ 0.00

A

Energy Usage Charges
Estimated charges for the measured amount of electricity used (kWh) in different time periods calculated from your retail rates provided. Feed In Tariff - all day every day - 0.095 $/kWh Offpeak - every day 0000 to 0700 and 2200 to 2400 - 0.1173 $/kWh Peak - weekdays only 1400 to 2000 - 0.453 $/kWh Shoulder - from April-May and Sept-Oct - weekdays only 0700 to 2200 - 0.1982 $/kWh Weekend Shoulder - weekends only 0700 to 2200 - 0.1982 $/kWh * Peak does not apply on a public holiday, in these cases the shoulder rate should be applied instead.

Description	Amount	Rate	Cost
Peak	3.94 kWh	0.44 $/kWh	$ 1.74
Shoulder	5.14 kWh	0.19 $/kWh	$ 0.97
Off Peak	3.17 kWh	0.12 $/kWh	$ 0.39
Feed-In	0.00	0.00	$ 0.00

B

Service Charges
Estimated charges relating to your daily supply charges calculated from your retail rates provided.

Description	Amount	Rate	Cost
Daily Supply Charge	30.00 Day	0.41 $/Day	$ 12.30

Select a month
Current month will show total month values

Shows a breakdown of kWh community battery credits, rates and $ credit values for the selected month and time periods. These credits are paid on a quarterly basis.

View the Community Battery Credits page for more information on how credit payments are calculated.

Shows a breakdown of the estimated kWh energy usage charges for relevant retail plan time periods using the rates you provided. Also shows an estimation of the Solar Feed-In Tariff credit you receive from your retailer.

Please note, your rates may look different depending on your retail plan (such as Time of Use and single rate).

Controlled load hot water (eg, off peak 1 or 2) is not included in this estimation.

* Your estimated electricity bill charges are indicative only and may not align exactly with the charges on your retail electricity bill.

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If you have questions or need support, contact us at

https://mybatteryhub.ausgrid.com.au/Contact-Us-Page