

Workshop - Council
NOTES ATTACHMENTS

Date: Tuesday 12 May 2026
Time: 1.30 pm
Venue: Camellia Chambers, Civic Offices,
53 Hereford Street, Christchurch

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Rewiring Aotearoa



Independent; evidence-based



Electric Homes
Report



Electric Farms
Report



Investing in
Tomorrow Paper



The Machine
Count



2025 Policy
Manifesto

\$2.1m

The amount spent per day on fossil fuels by Christchurch homes.



Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

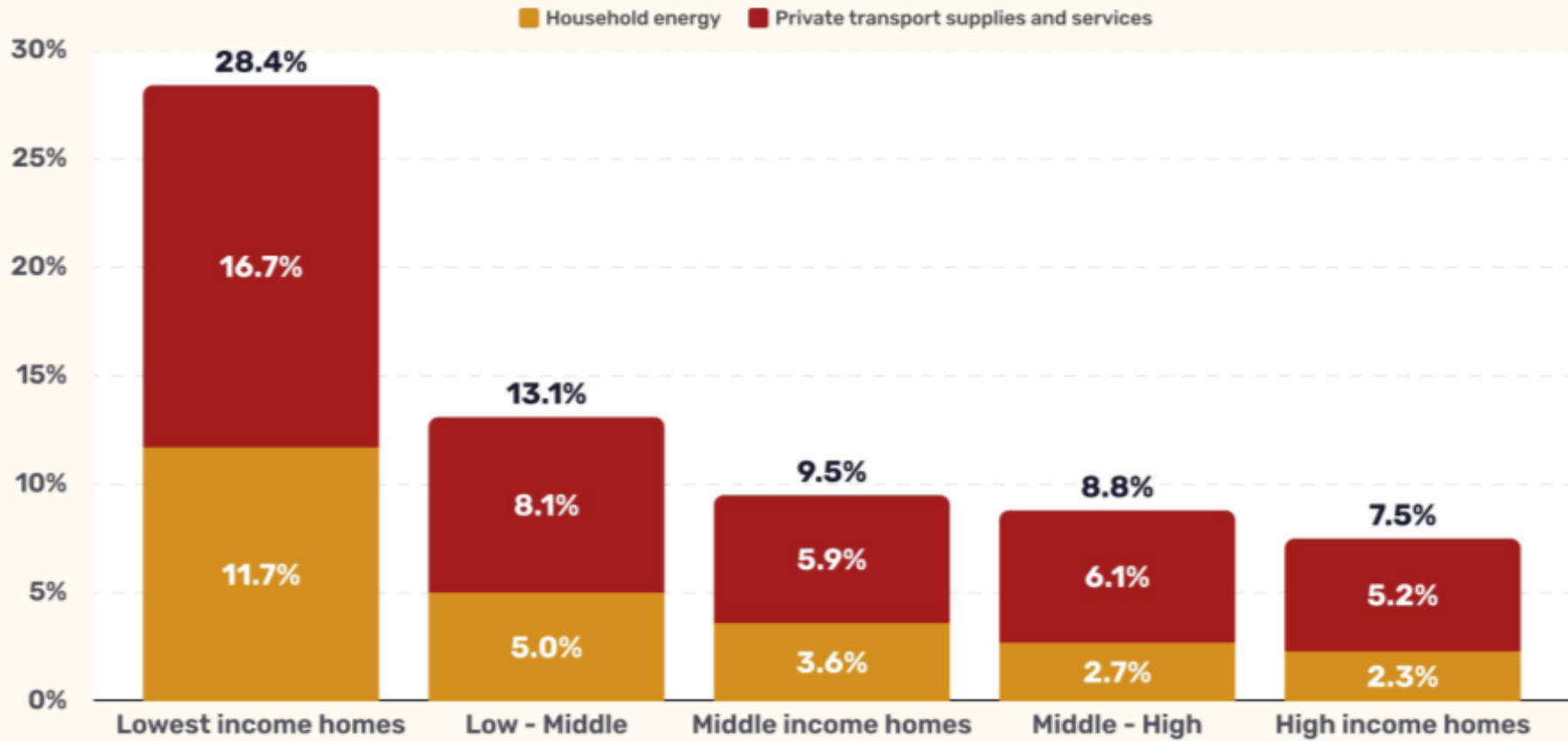
\$760m

The amount spent per year on fossil fuels by Christchurch homes.



Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

Percentage of disposable income spent on energy by income group



Household Economic Survey (Stats NZ, 2023)

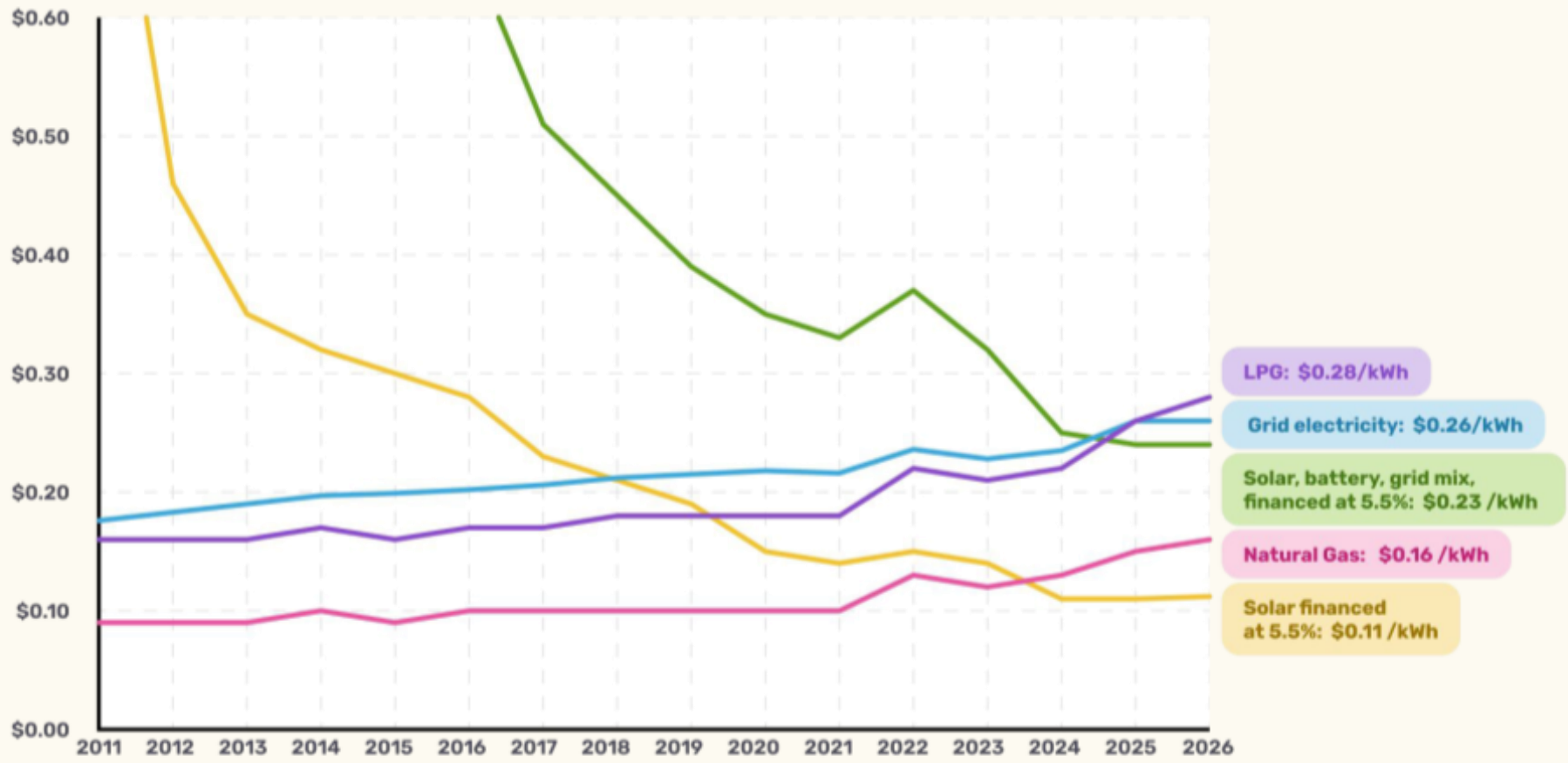
1 in 10

New Zealand households borrowed money from family or friends to pay their energy bills in 2025.



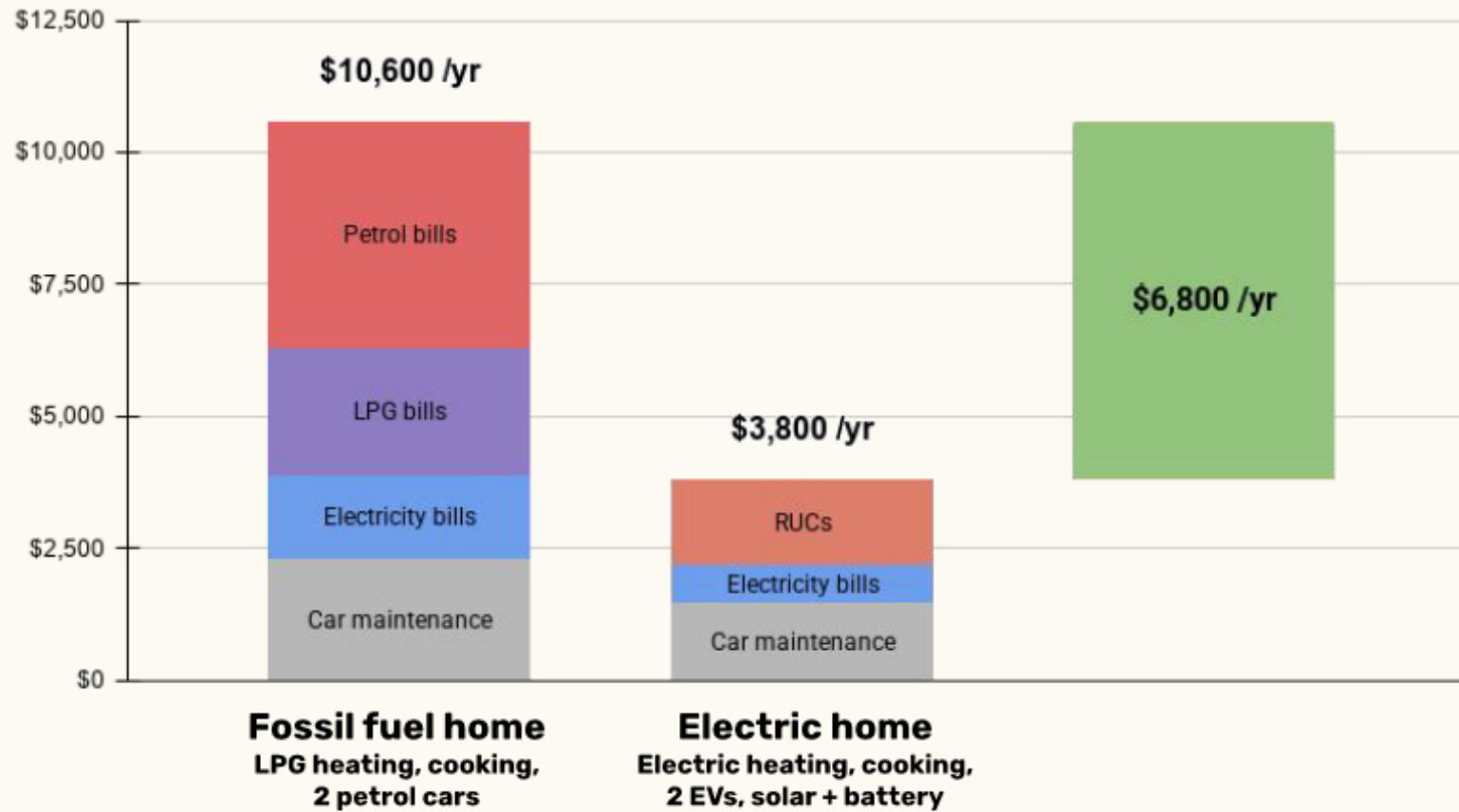
Consumer NZ, 2025

Solar is now the cheapest form of energy per kWh



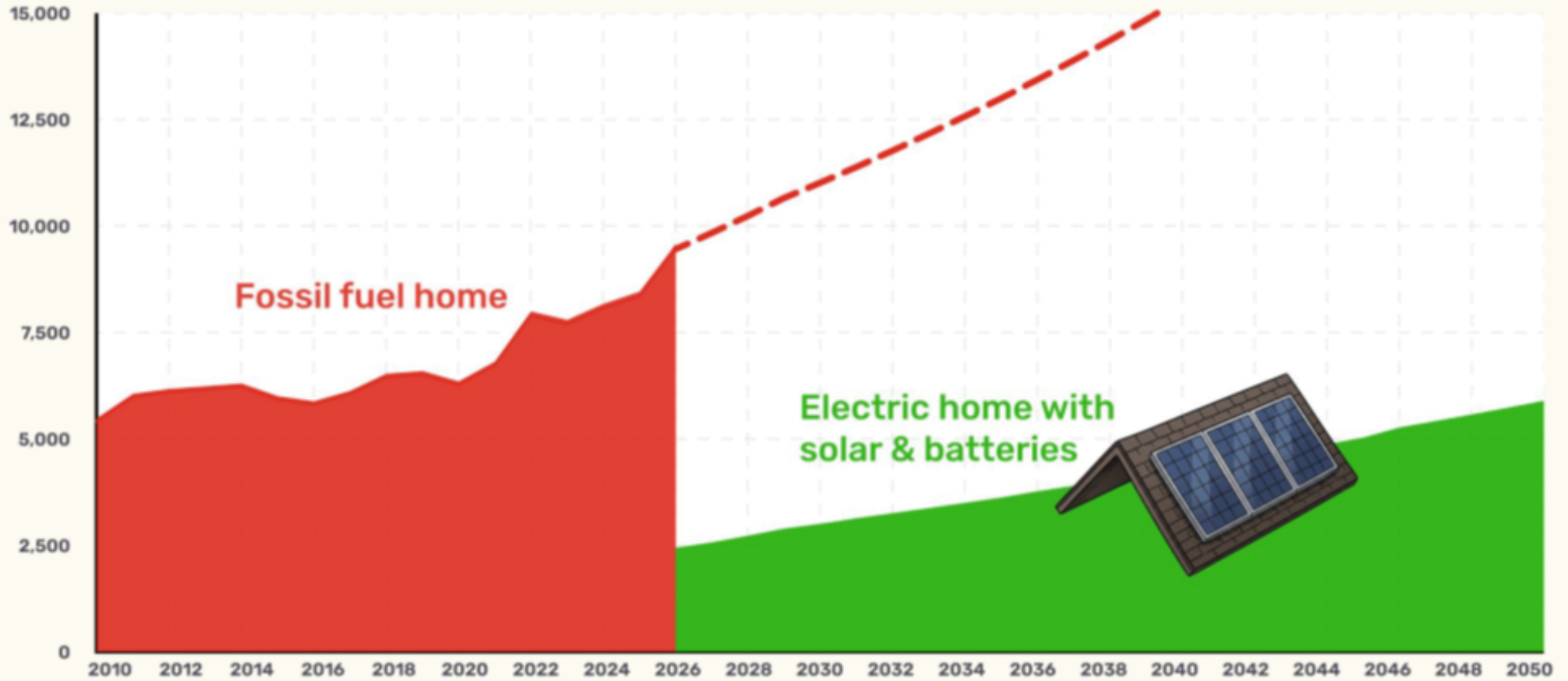
Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

Average 2026 energy bill in Christchurch



Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

An electric home locks in lower bills



Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

\$1.6m

The amount Christchurch households could be saving every day by electrifying.



Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

\$574m

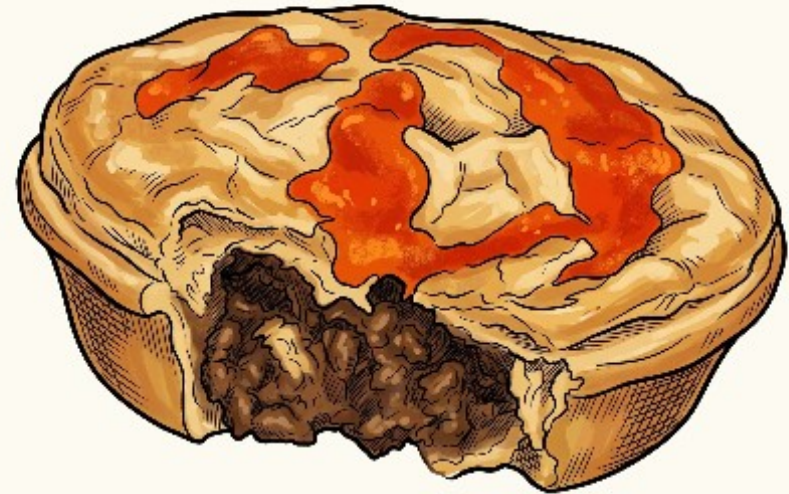
The amount Christchurch households could be saving every year by electrifying.

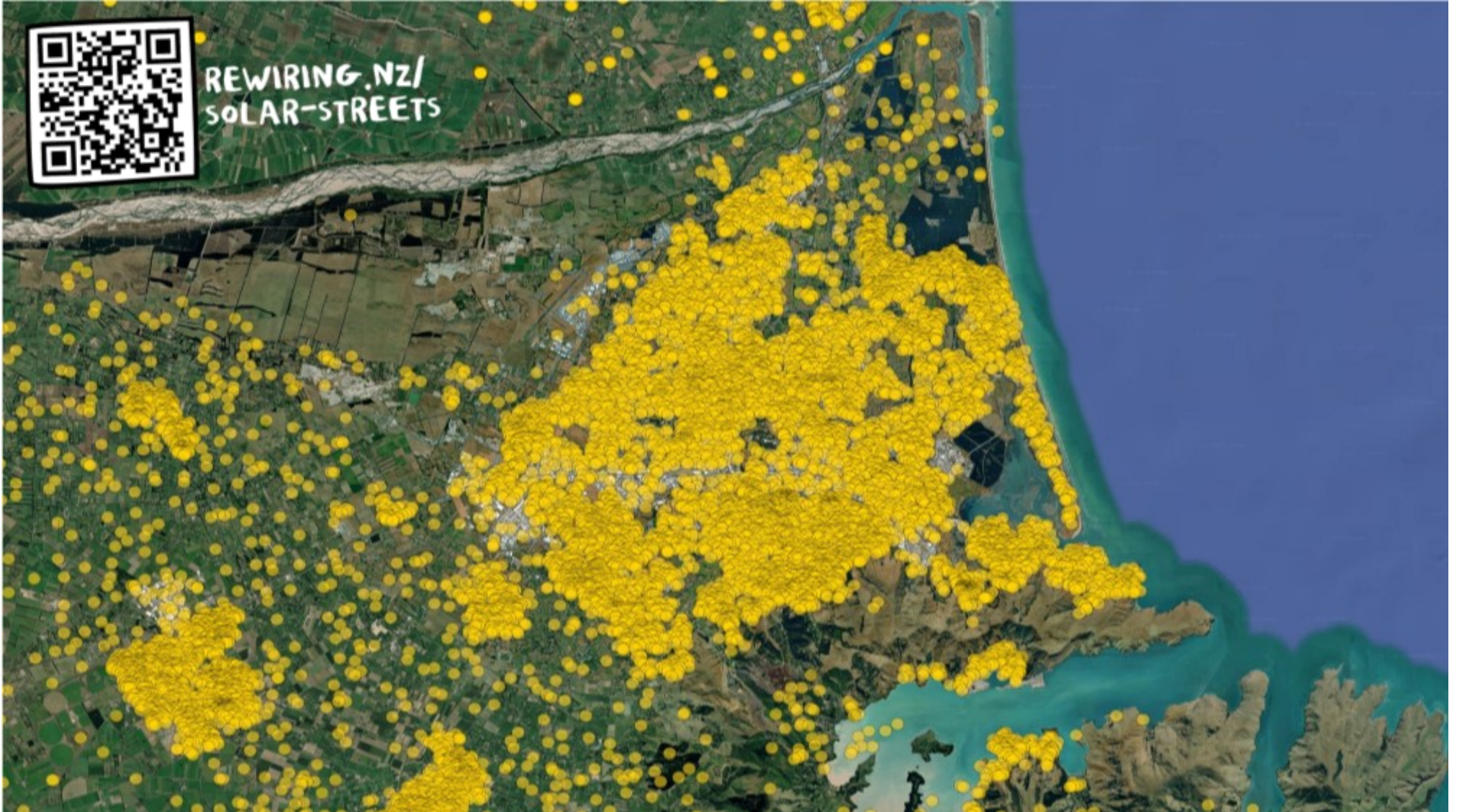


Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

244

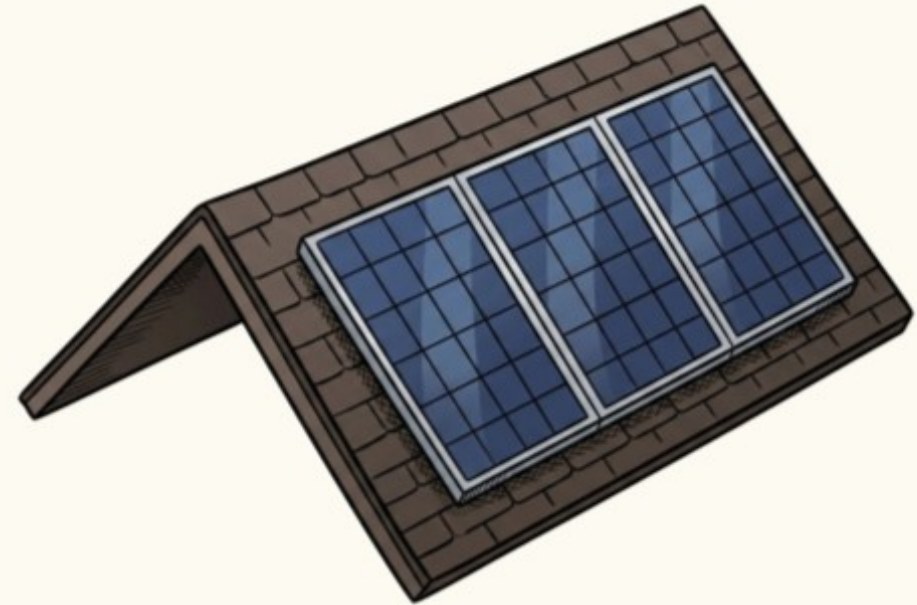
**pies per person in
Christchurch, every
year**





\$2.4k

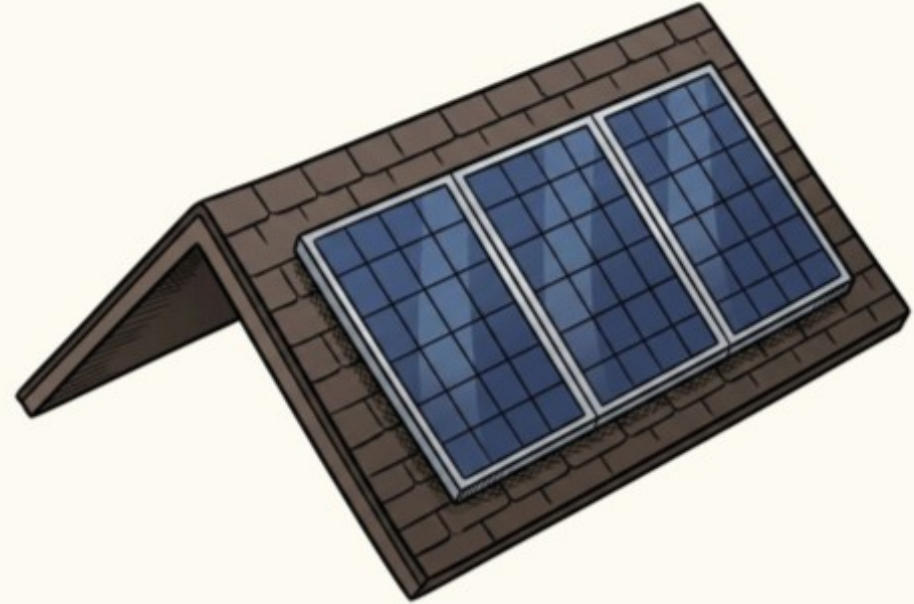
Annual savings for an electric home
in Christchurch with 9kW rooftop
solar and 10kWh batteries added.



Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

≈ 4%

Solar adoption rate in Christchurch.

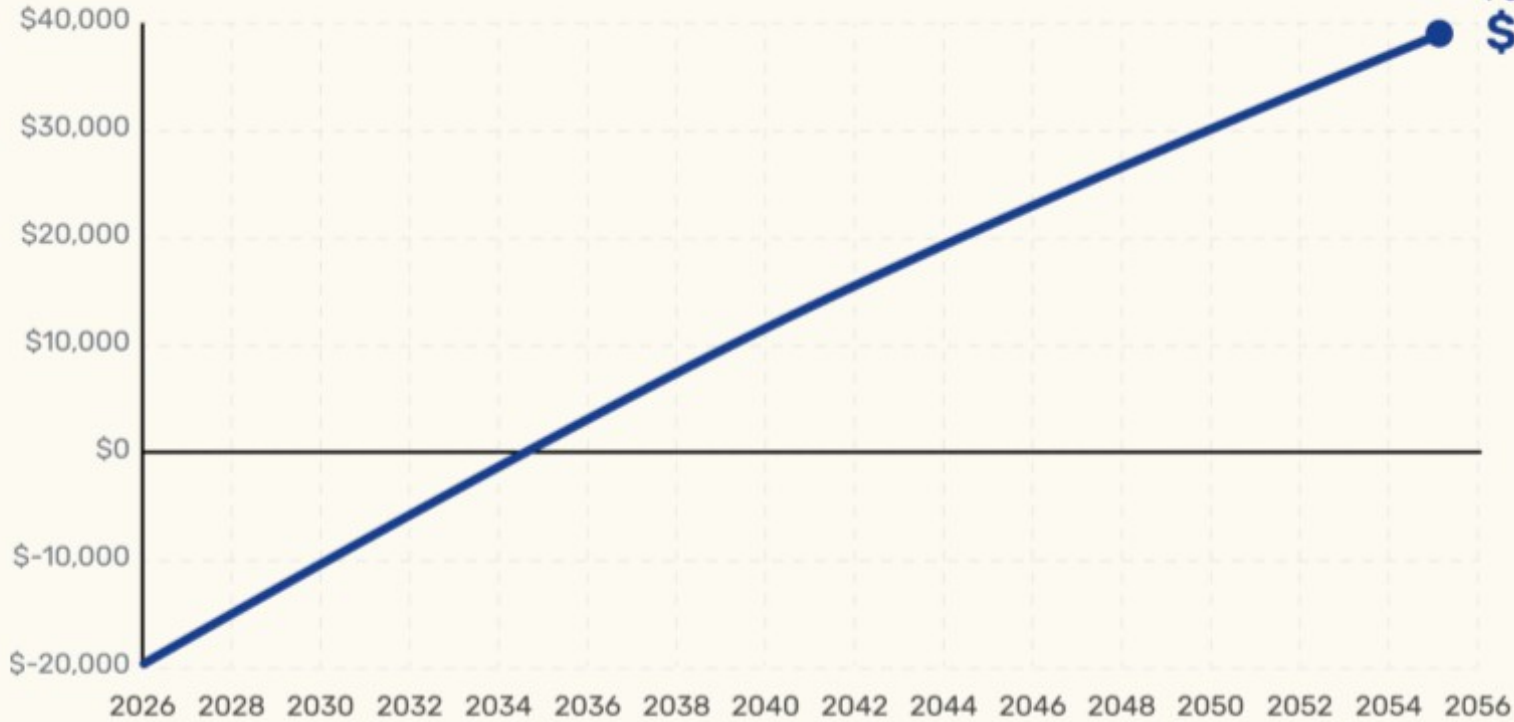


Electric Homes & Vehicles (Rewiring Aotearoa, 2026)



Cumulative net savings with rooftop solar

For an electric home that uses 7,500 kWh per year (1 medium SUV EV), with a 9 kW solar system.

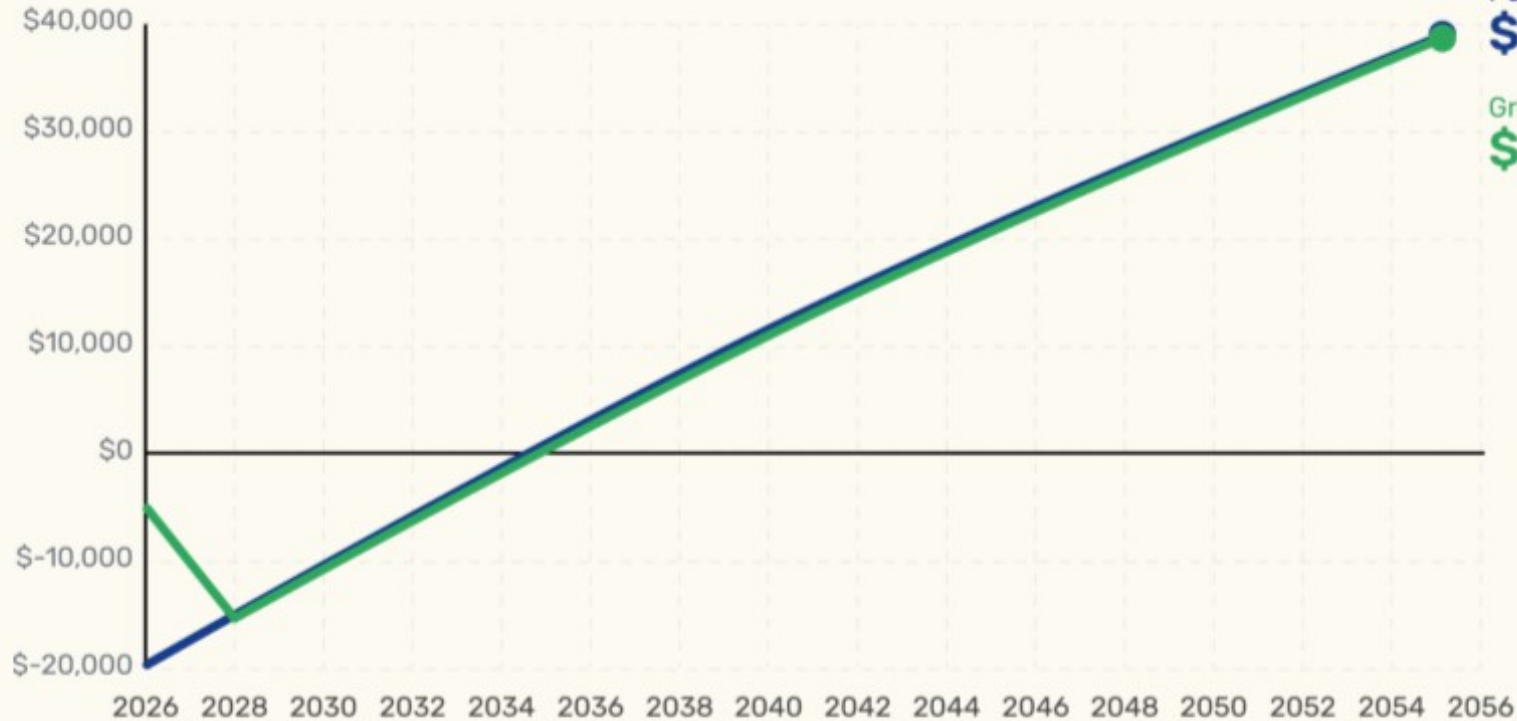


Purchased upfront:
\$39.1k saved

Rewiring Aotearoa, 2026

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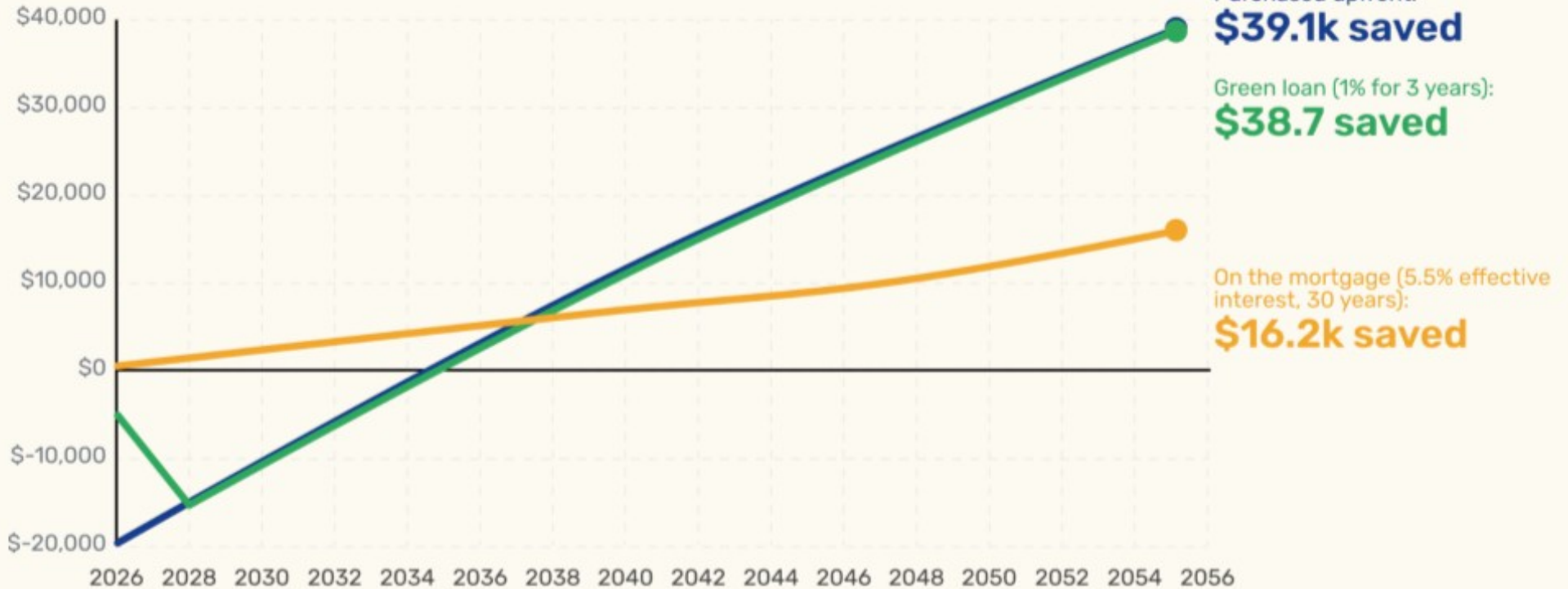
Purchased upfront:
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Green loan (1% for 3 years):
\$38.7 saved

Rewiring Aotearoa, 2026

Cumulative net savings with rooftop solar

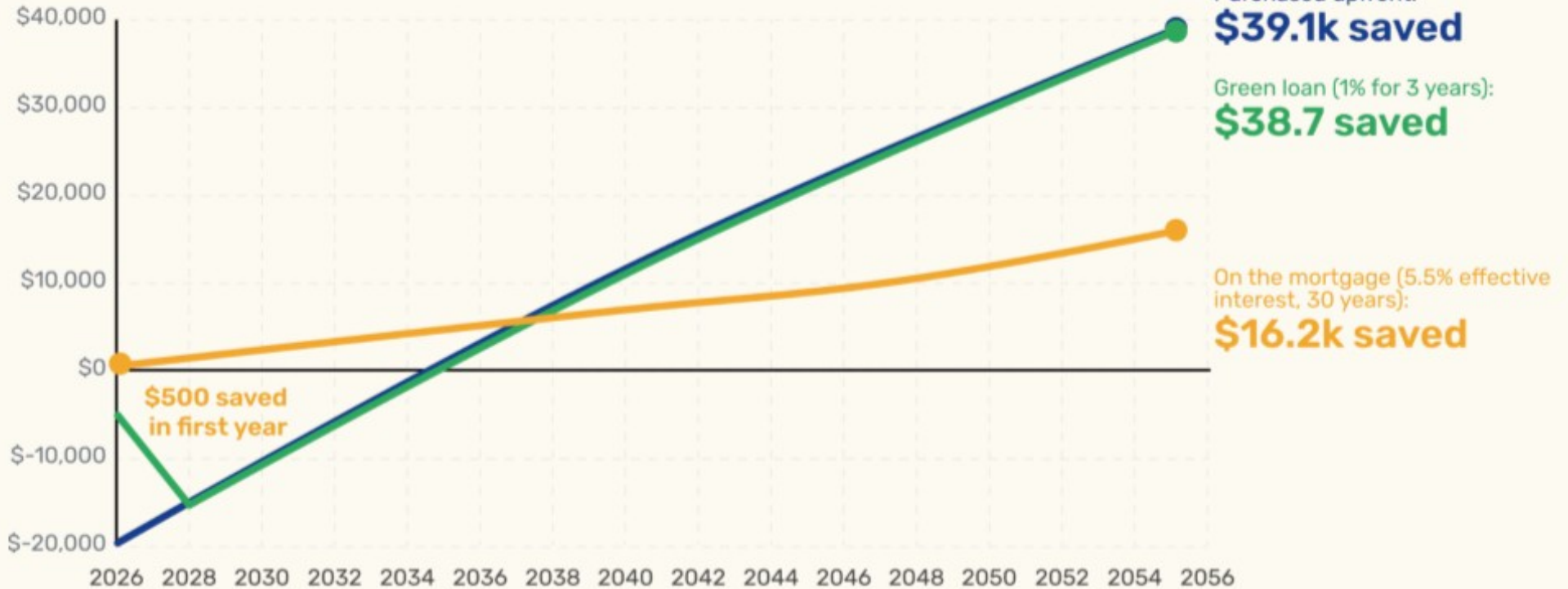
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Rewiring Aotearoa, 2026

Cumulative net savings with rooftop solar

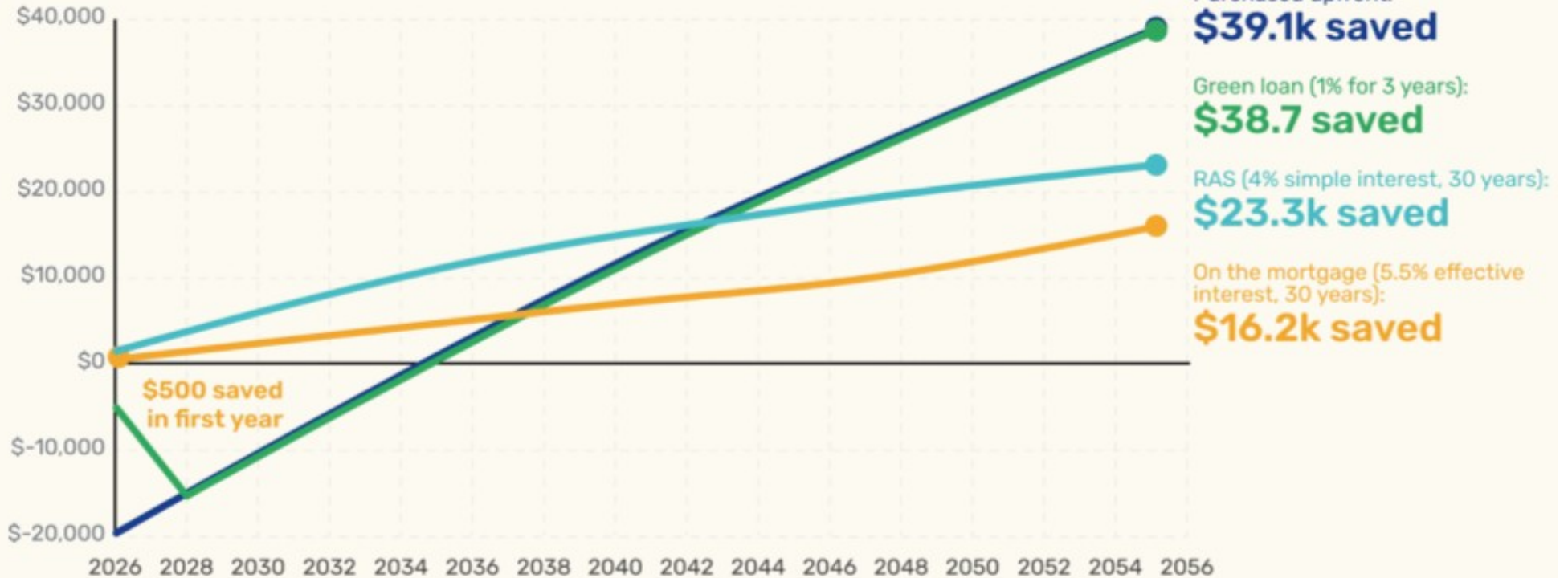
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Rewiring Aotearoa, 2026

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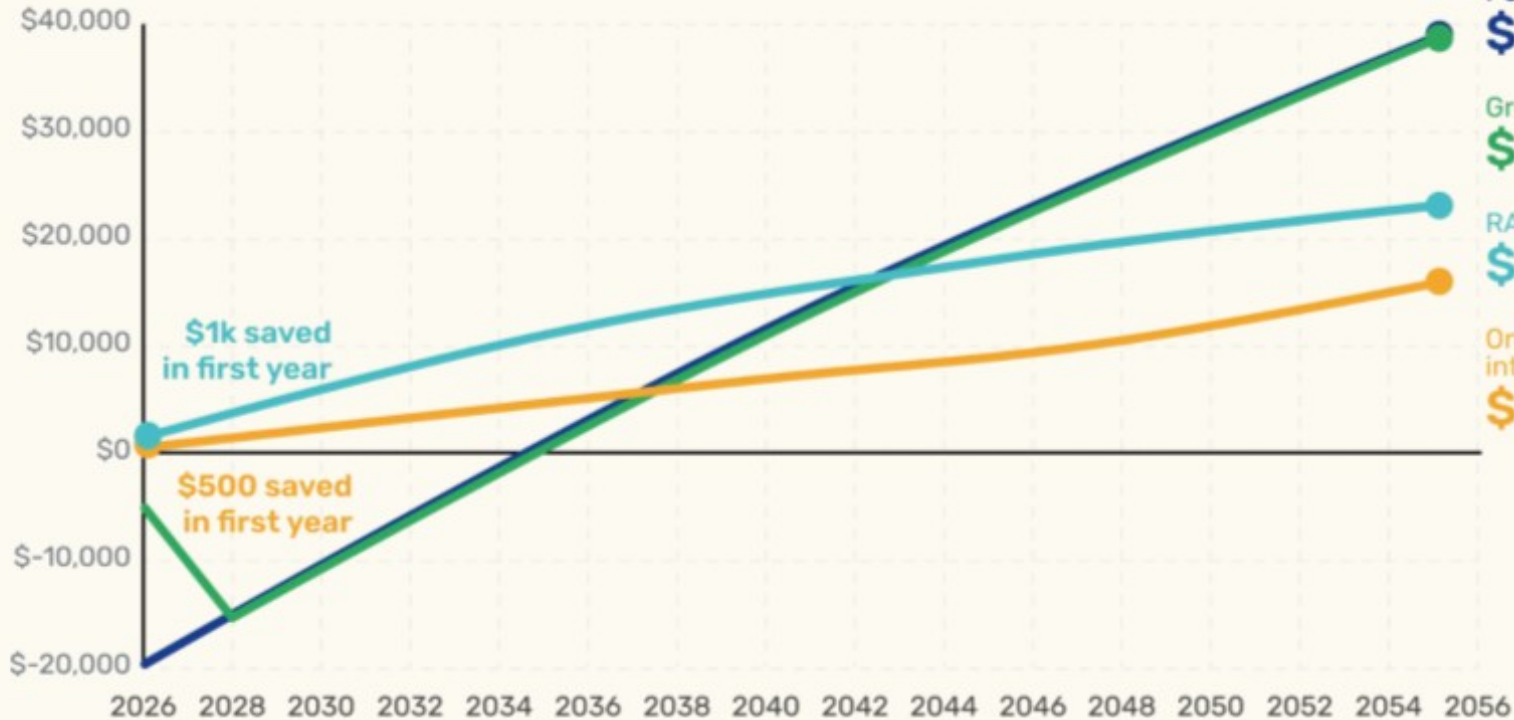
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Rewiring Aotearoa, 2026

Cumulative net savings with rooftop solar

For an electric home that uses 7,500 kWh per year (1 medium SUV EV), with a 9 kW solar system.



Purchased upfront:
\$39.1k saved

Green loan (1% for 3 years):
\$38.7 saved

RAS (4% simple interest, 30 years):
\$23.3k saved

On the mortgage (5.5% effective interest, 30 years):
\$16.2k saved

Rewiring Aotearoa, 2026

1.34%

Added value to a home
with rooftop solar.



[Matthews & Harland, 2026](#)

**SOLAR & BATTERIES
SHOULD BE IN OUR
EMERGENCY KIT**

