
Mike Casey
Electric Cherries


57


electric
cherries
Central Otago, New Zealand
2KG NET

21 electric machines


FLO
FLO


E HILUX


electric
cherries


MAINFREIGHT
100% Electric
Zero Emissions


Pickman
PiCCA


MONARCH
PROTOTYPE
1500E01
ELECTRIC SPRAYER
FMR

Turned a

-$50,000

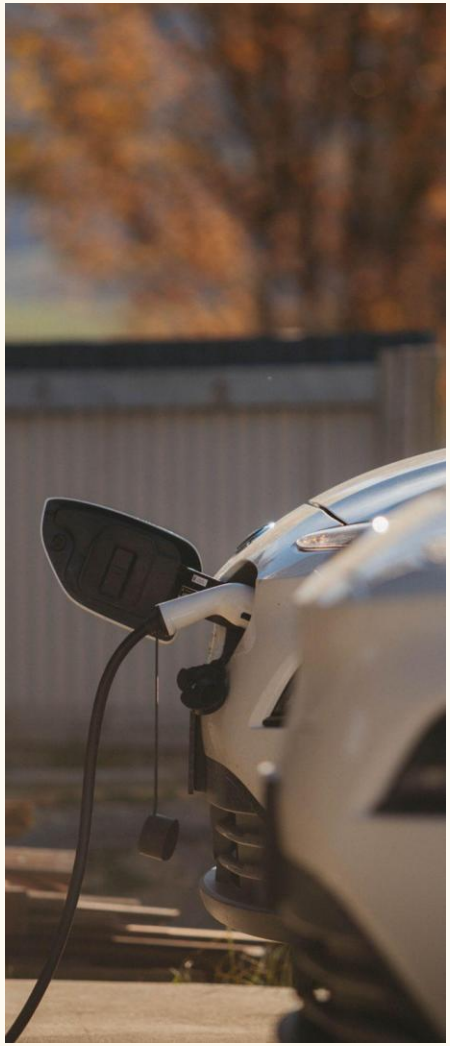
bill

into a

+$25,000

profit

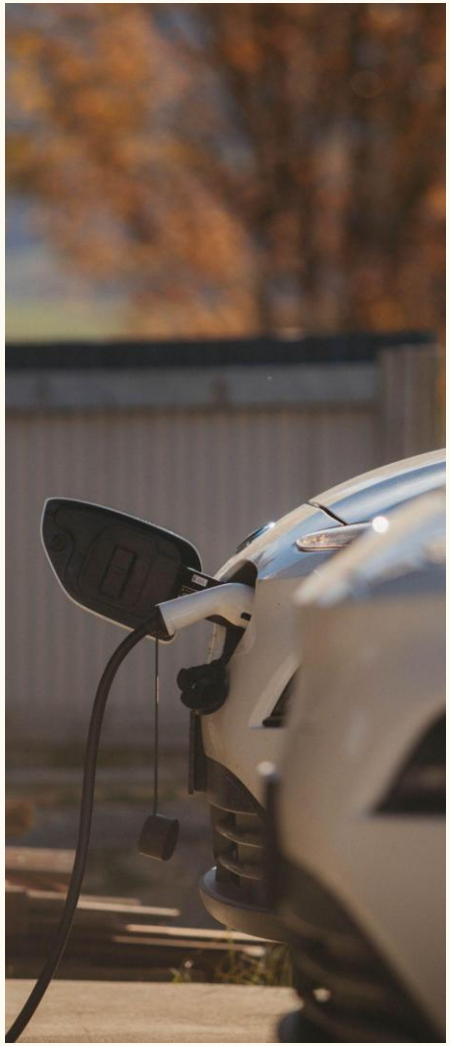
Diesel: $53,000



Diesel: $53,000

↓

100% Electric: $20,000



Diesel: $53,000

↓

100% Electric: $20,000

↓

Solar and Batteries: $11,000

Diesel: $53,000

↓

100% Electric: $20,000

↓

Solar and Batteries: $11,000

↓

Profit: $25,000

Walt Stevenson

Cool story bro, but show me the money!

2 days ago Reply Share 238

Electrification payback

Diesel machines	**$470,000**
Electric machines	**$880,000**
Extra upfront cost	**-$410,000**
Yearly fuel savings	**+$33,000**
Payback period	**13 years**

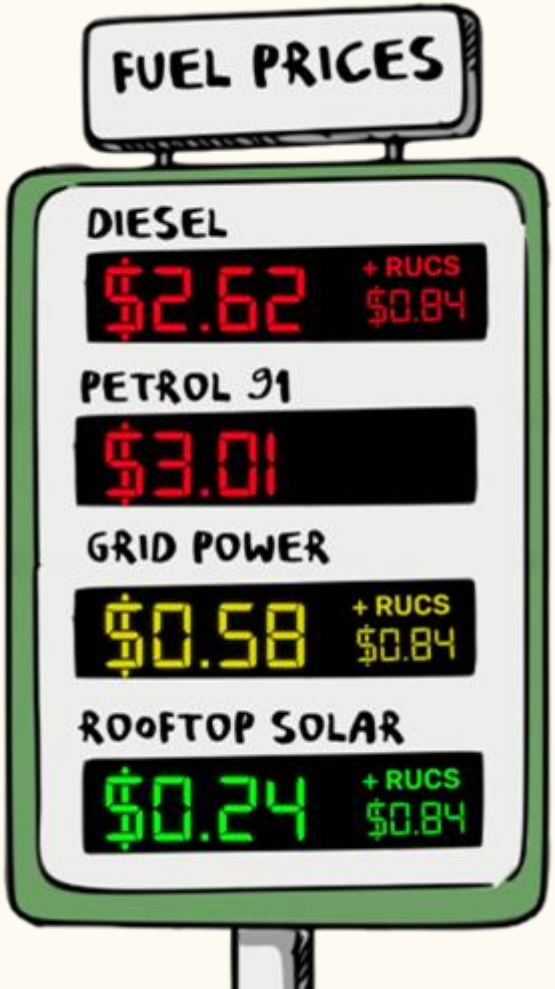
Solar payback

Capital cost	**-$140,000**
Annual generation	**+$30,000**
Capital payback	**~4.5 years**
Capital + interest (5.5%)	**~5.5 years**
Cost per kWh	**~7¢**

Battery payback

Capital cost	**$170,000**
Savings / Revenue	**~$15,000**
Capital payback	**~11 years**
Capital + interest (5.5%)	**~19 years**
Cost per kWh	**~18¢**


RIDDARA
RMF527



Ford Ranger

DIESEL

$7,800

Per 28,000km

AT $2.62/LITRE DIESEL
+$2,128 RUCS

Riddara RD6 Pro

ELECTRIC

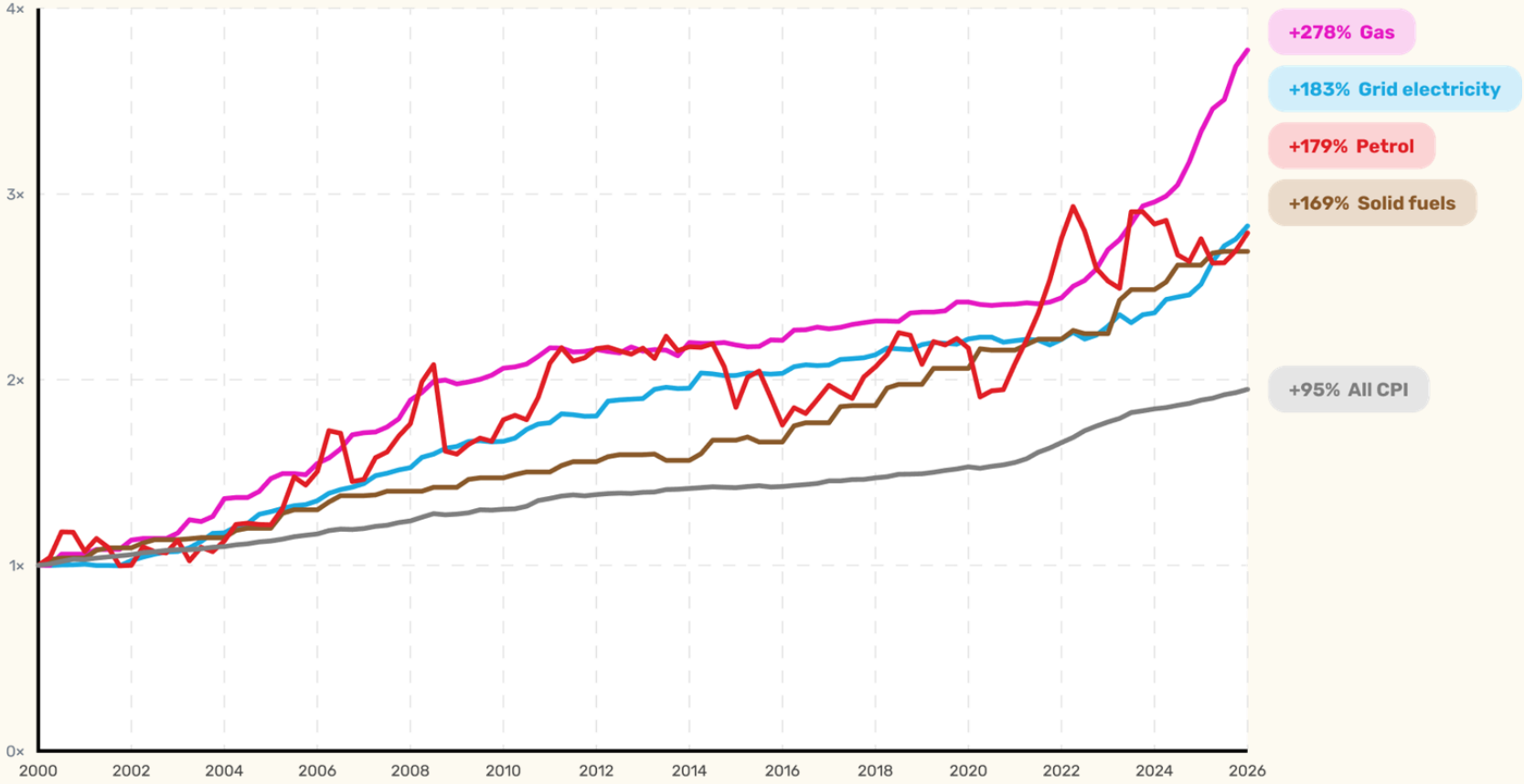
$740

Per 28,000km

SOLAR CHARGED, $1,760 IF GRID-CHARGED
+$2,128 RUCS

Increases to energy prices over time

Consumer Price Index (CPI) across consumer energy, indexed to 1 in the year 2000.
Solar module & battery prices derived from Our World in Data, SolarChoice, and BloombergNEF.



Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

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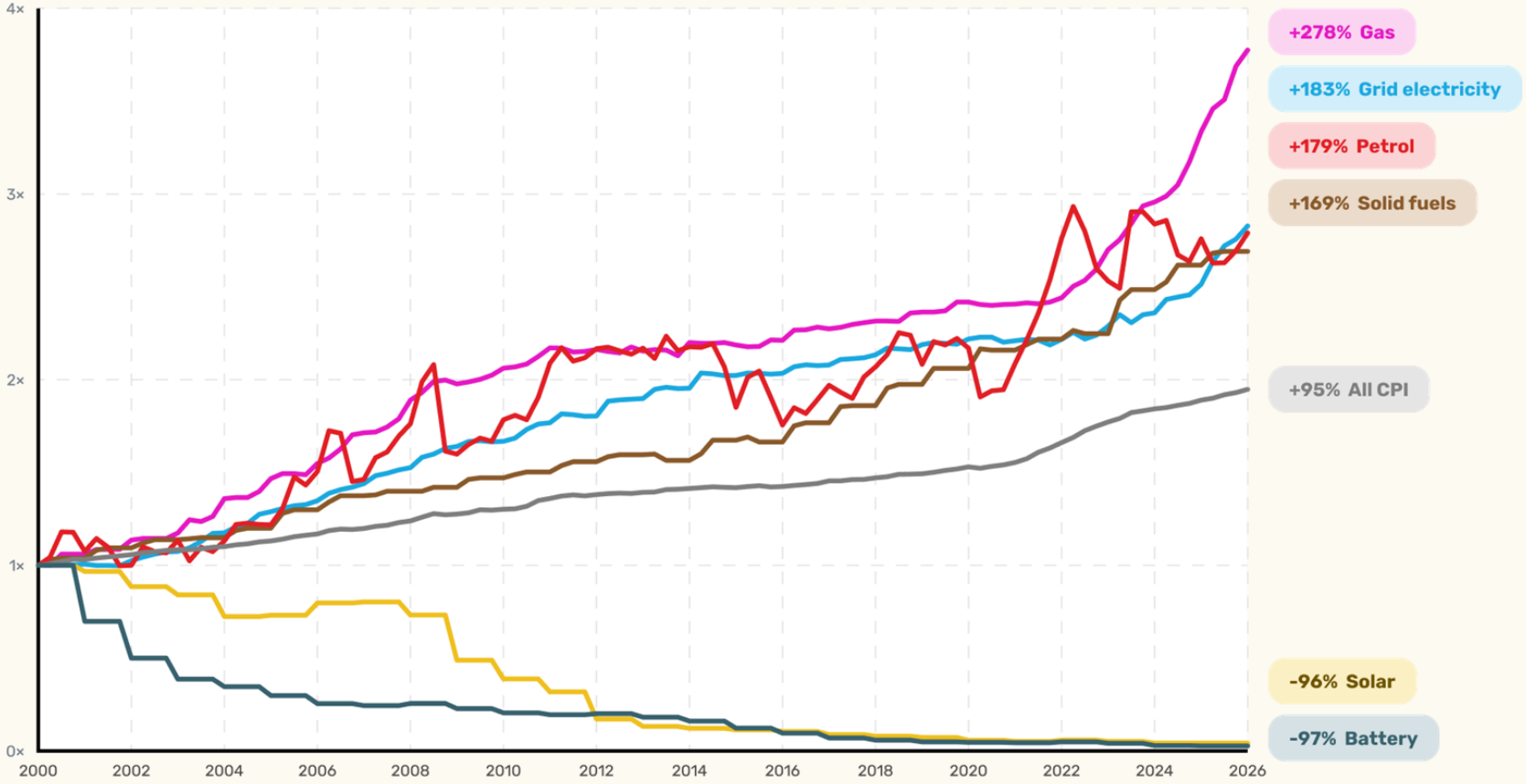


Electric Homes & Vehicles (Rewiring Aotearoa, 2026)

ELECTRIFY EVERYTHING

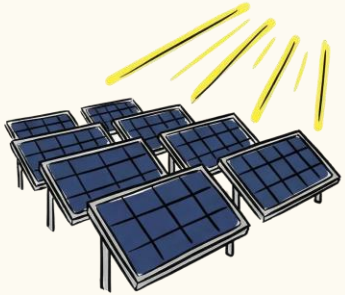
Oliver Bylett

Where are we getting this electricity dickhead!

2h Like Reply Share 329

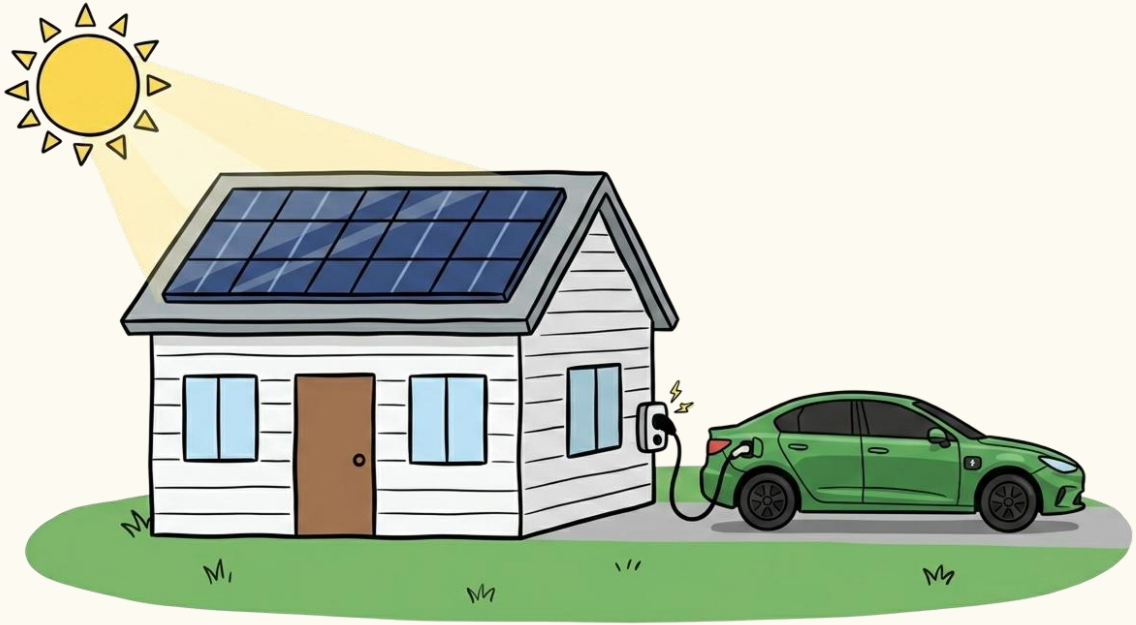
2x

We need to double our energy generation in order to electrify everything.



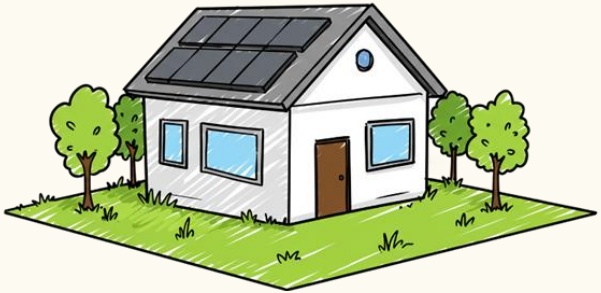
We will need more big stuff

We also need more small stuff



80%

OF OUR HOMES WITH A 9KW ROOFTOP SOLAR SYSTEM



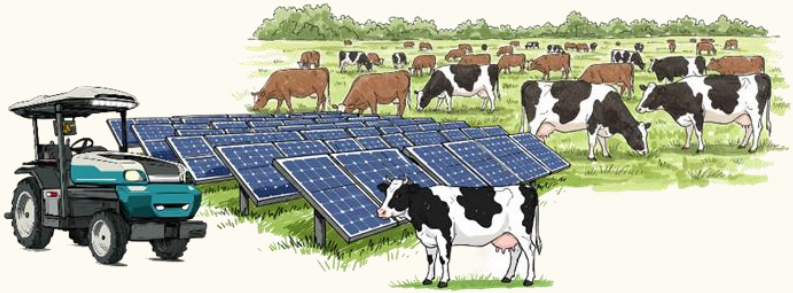
≈

40%

MORE ELECTRICITY GENERATION

50,000

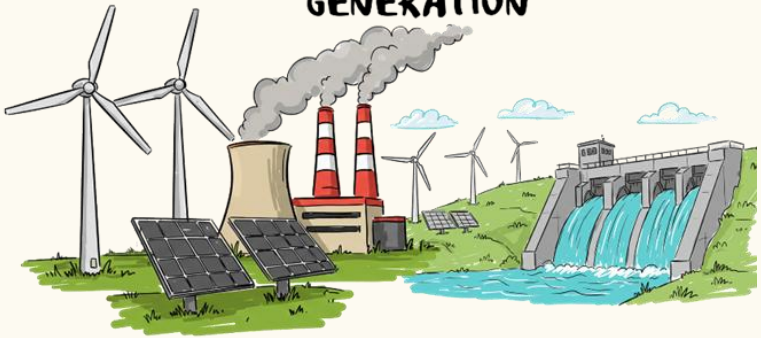
FARMS WITH A MID-SIZED SOLAR SYSTEM



≈

60%

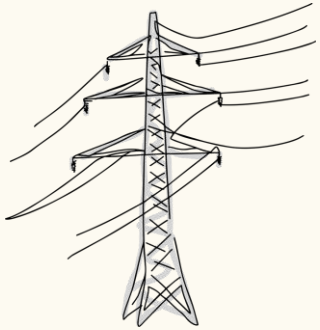
MORE ELECTRICITY GENERATION

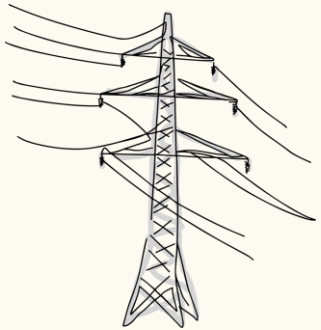


Paula Mires

Hey moron our grid cant handle it

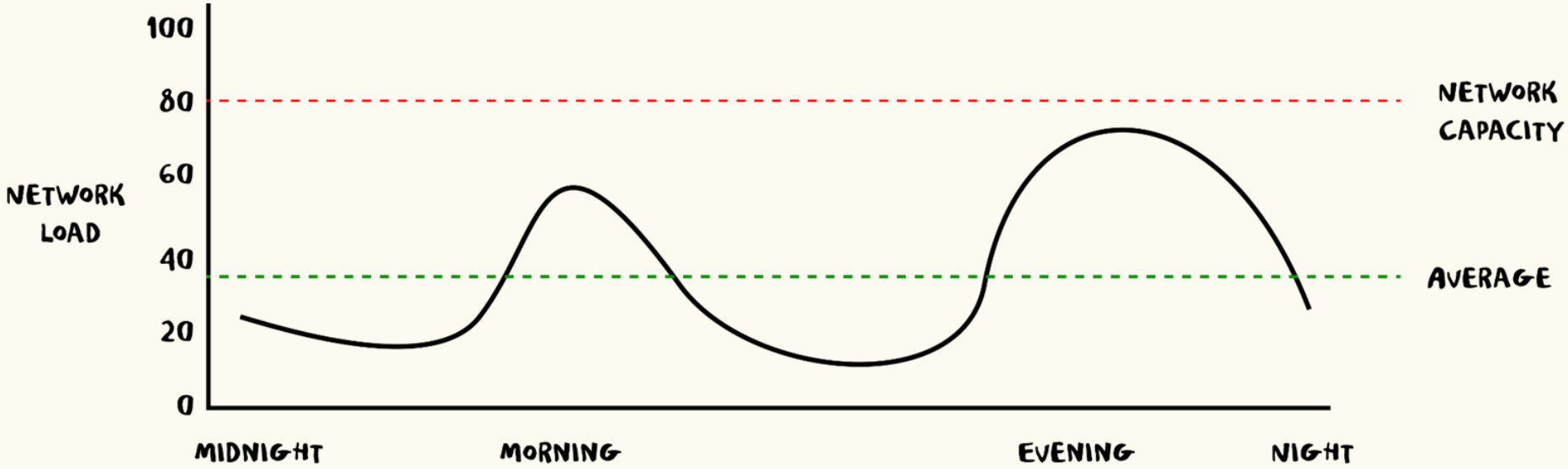
2 days ago Reply Share 154

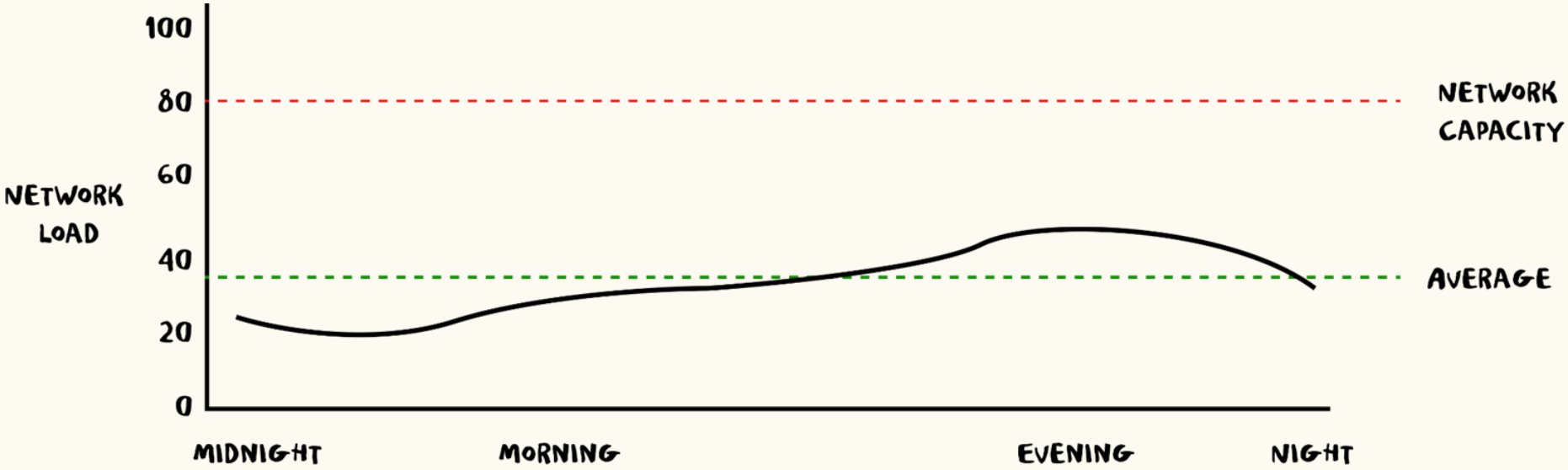




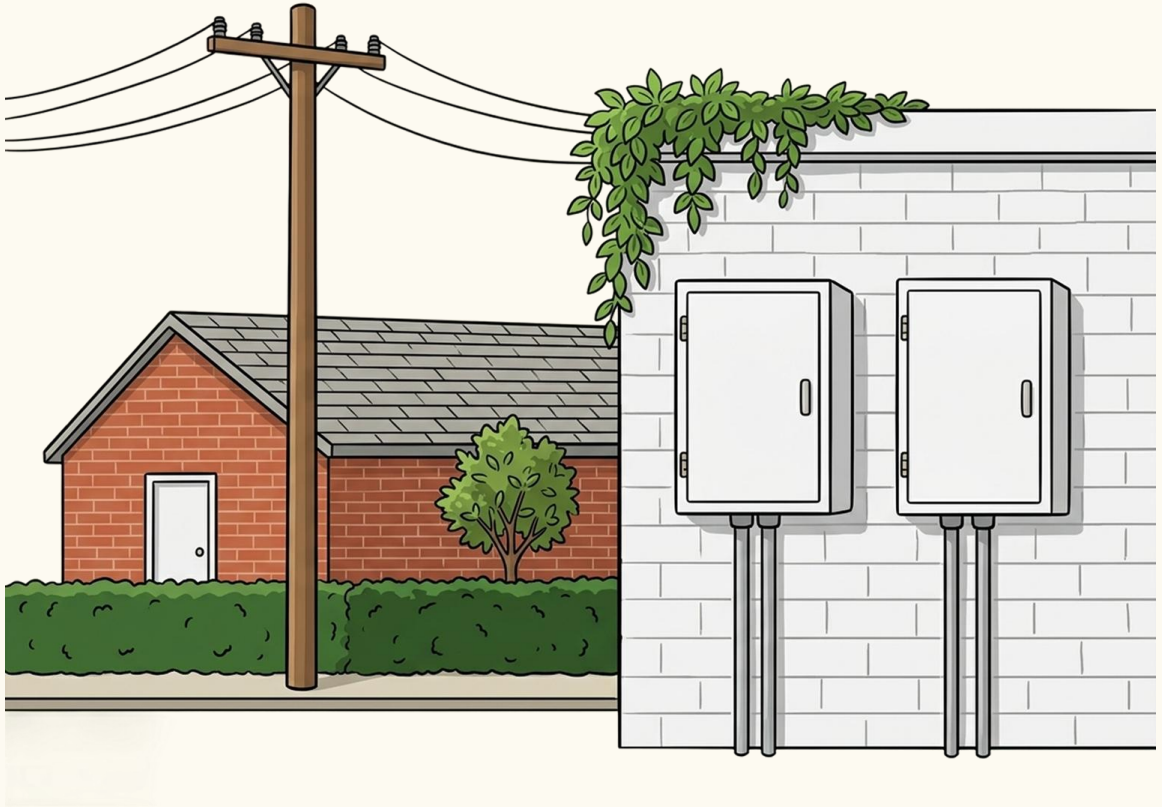
~40%

average network load of New Zealand’s grid

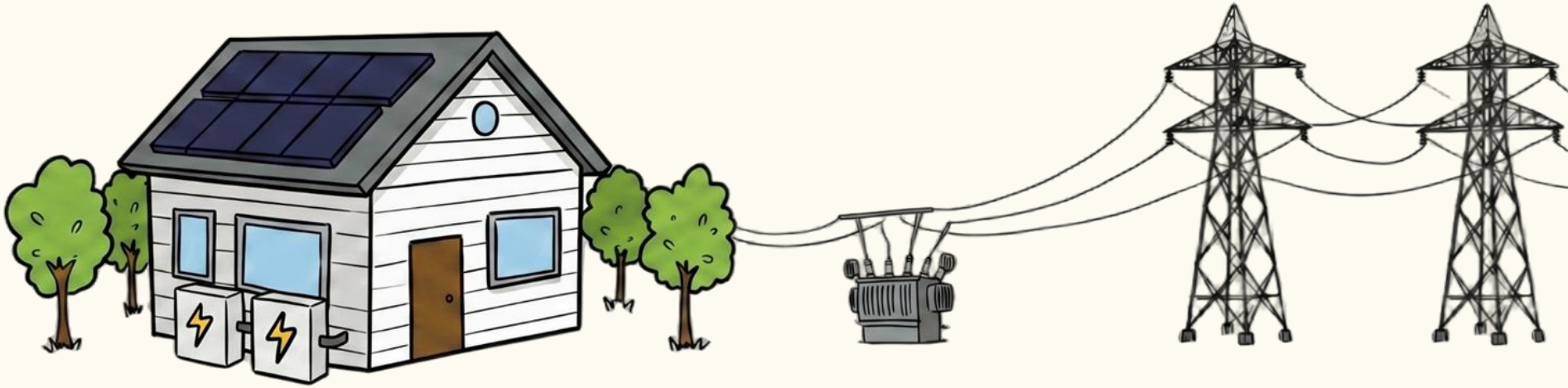

NETWORK LOAD
100
80
60
40
20
0
NETWORK CAPACITY
AVERAGE
MIDNIGHT
MORNING
EVENING
NIGHT


NETWORK LOAD
100
80
60
40
20
0
NETWORK CAPACITY
AVERAGE
MIDNIGHT
MORNING
EVENING
NIGHT

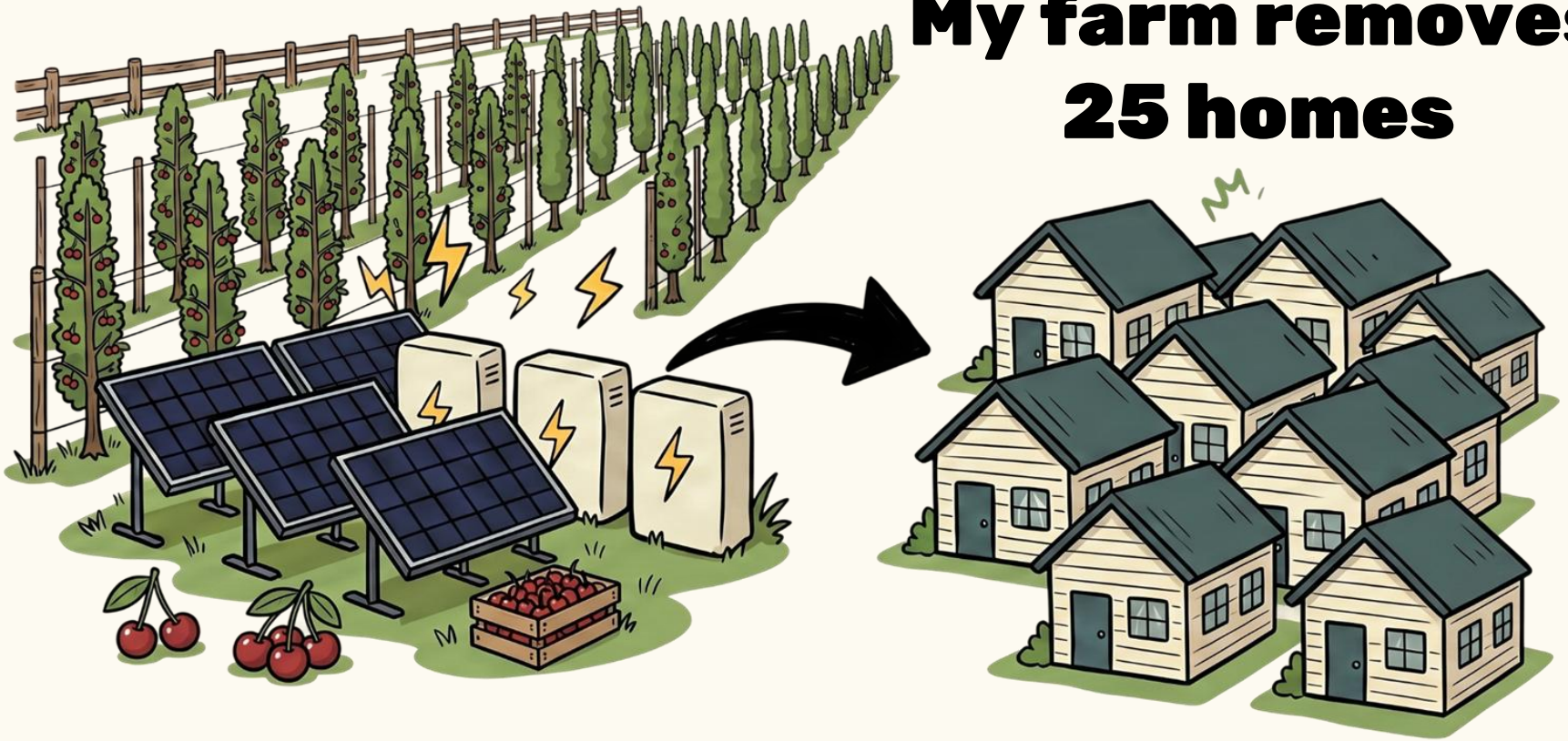
Batteries



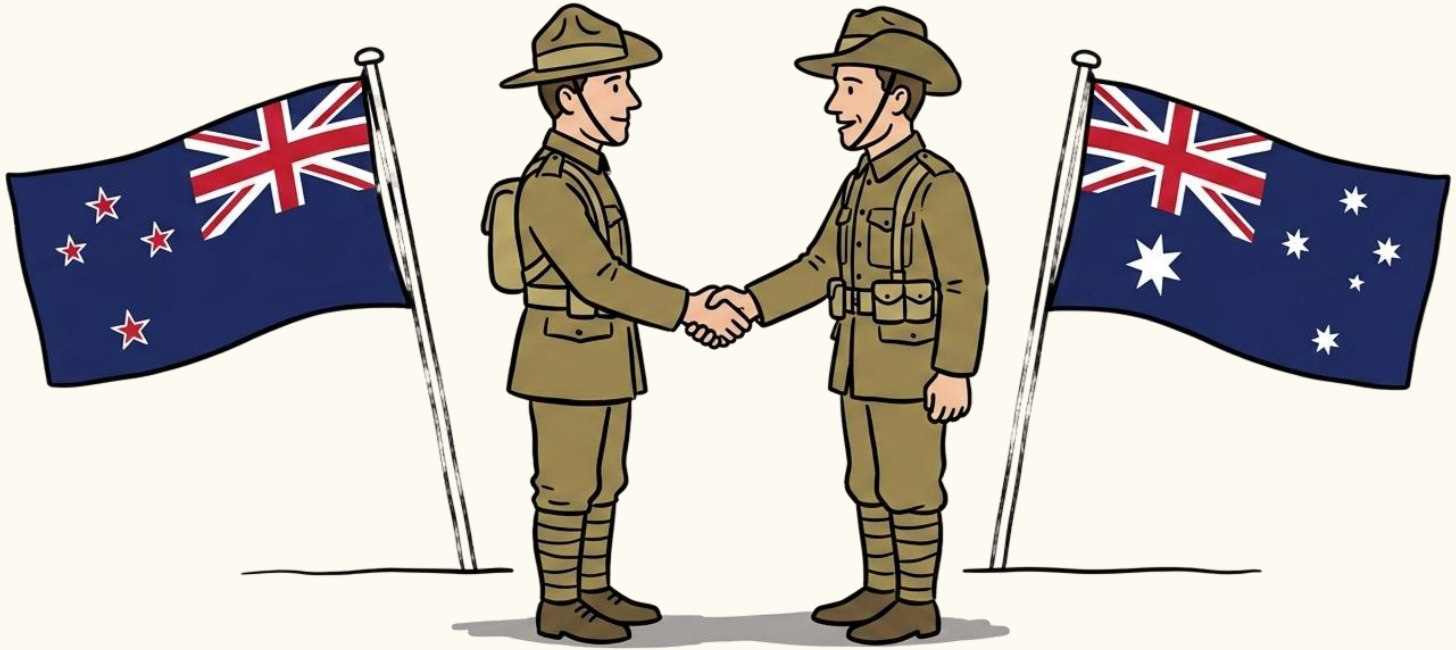
A battery removes a home from peak



My farm removes 25 homes

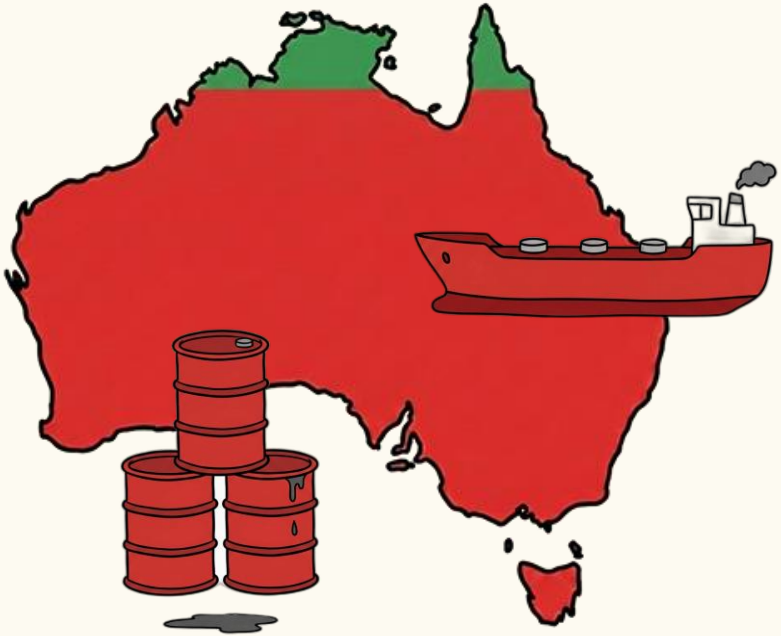


Anzac Victory



Australia

91% fossil fuels



NZ

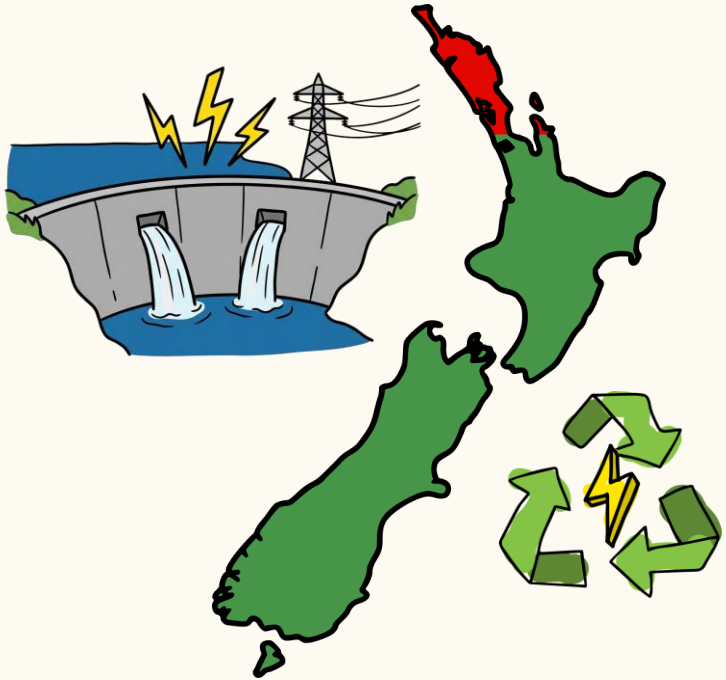
66% fossil fuels

Australia

38% renewable grid

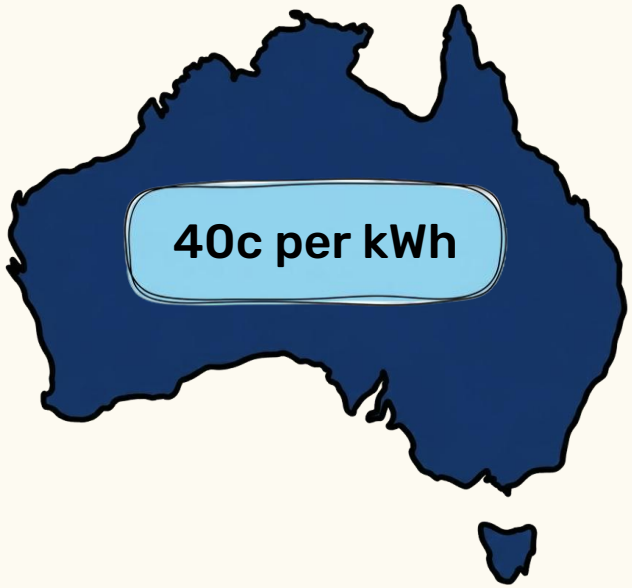
NZ

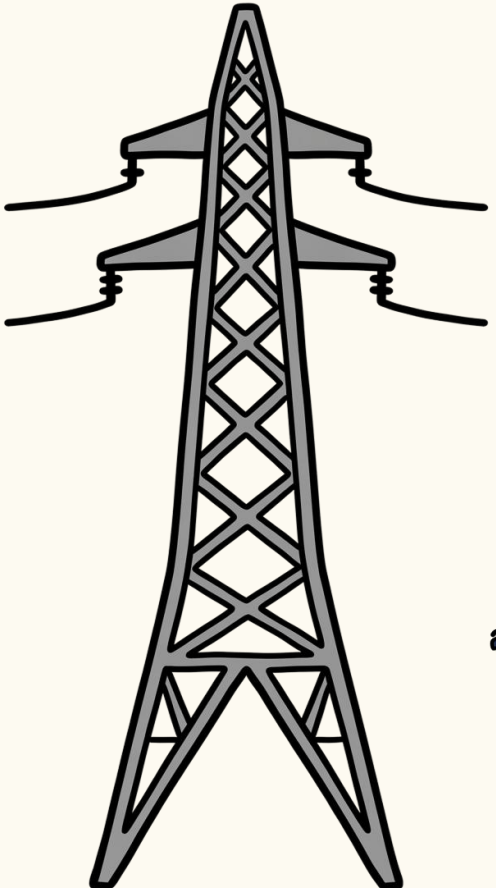
90% renewable grid



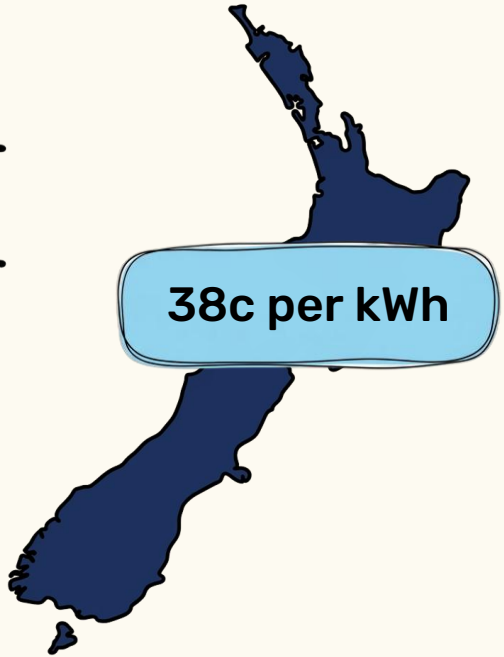
GRID PRICES

Australia



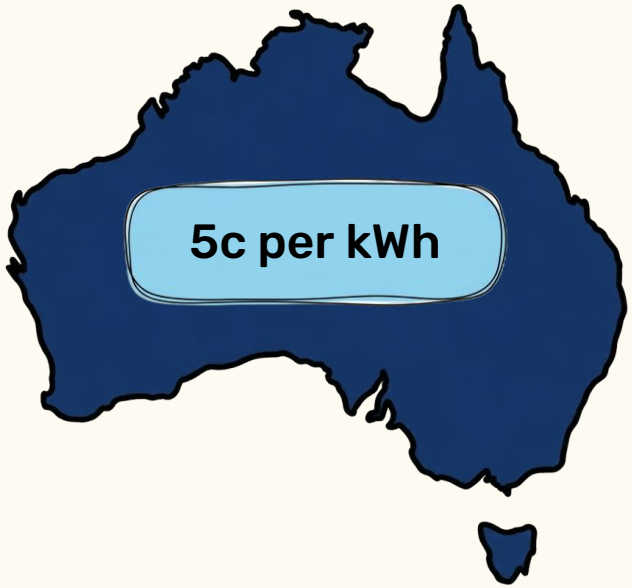


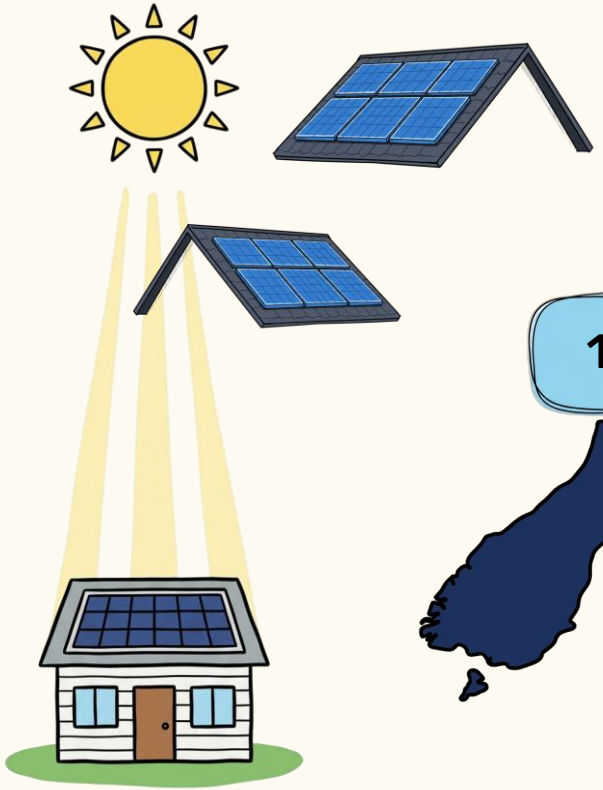
NZ



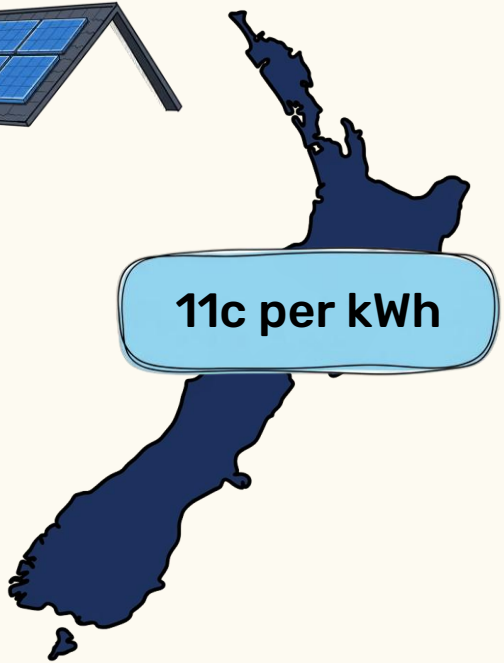
SOLAR PRICES

Australia



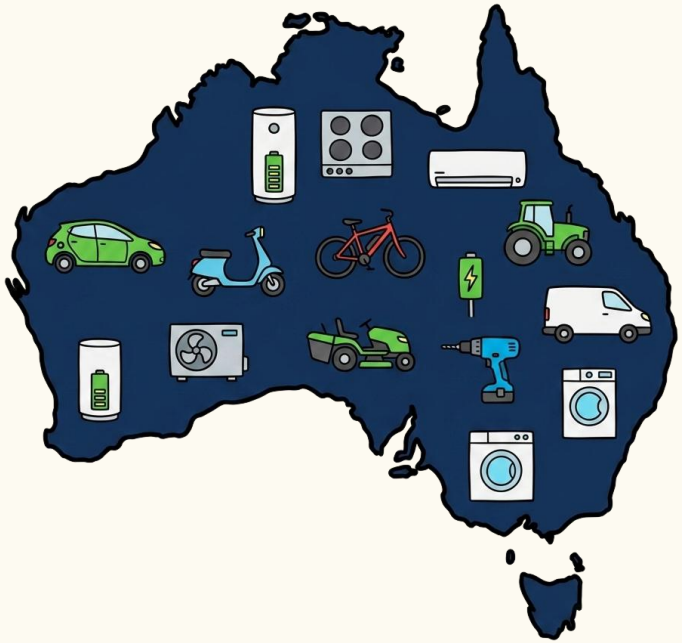


NZ



Australia

100 million machines



85% can electrify now

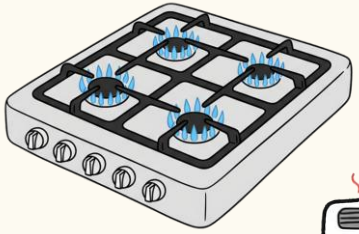
10% are almost ready

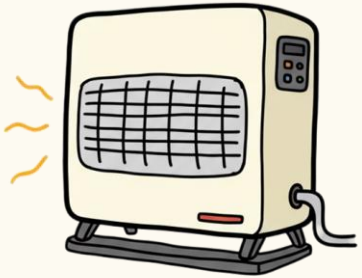
5% not ready yet

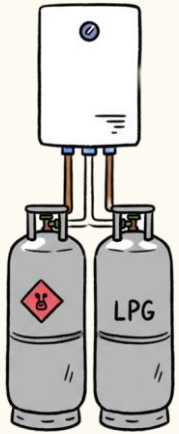
NZ

10 million machines

ELECTRIFY EVERYTHING

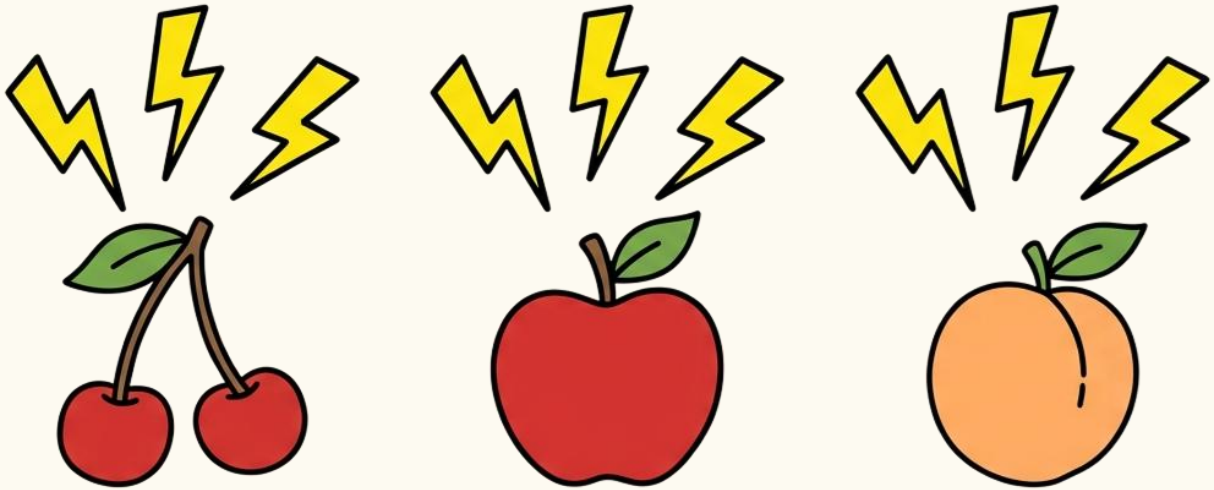






ELECTRIFY EVERYONE

ELECTRIFY THE FARM



AND RUN OUR COUNTRIES ON OUR OWN ENERGY.