



EXPLORING VIRTUAL ENERGY NETWORKS (VEN)

THREE PARTS

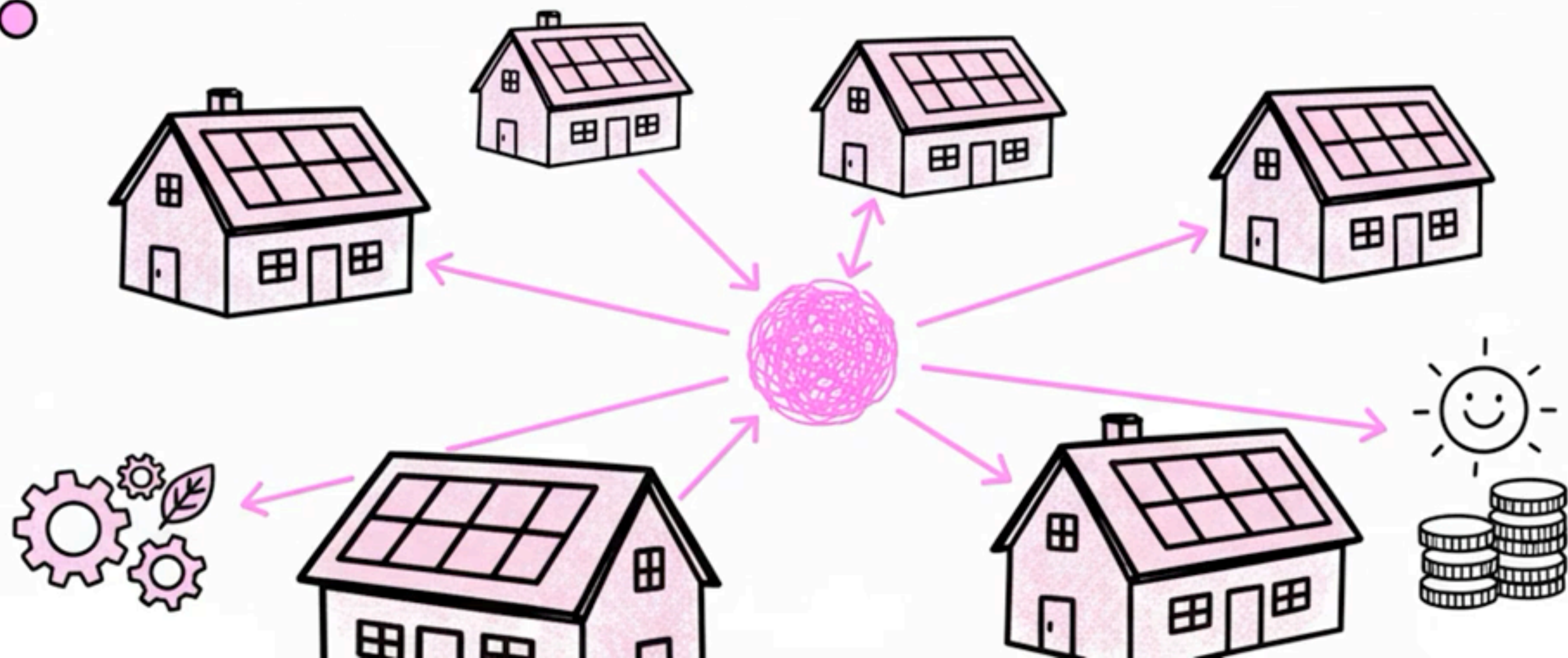
1. Why a Virtual Energy Network?
2. Short video on how VENs work
3. What will a VEN do?

WHY A VEN?

1. Reduce carbon output in Flinders
2. Share Flinders power with Flinders community
3. Save some money!

It's a pilot project!

The Virtual Energy Network



QUICK REACTION?

WHAT WILL A VEN DO?

Community & Environmental Impact

Carbon output

Flinders power network

Community sharing

The Personal & Financial Benefits

Reclaim your Feed-in-tariff!!

Power your Melbourne house? Local business?



The Research Component

WHAT DO YOU NEED TO DO?

Step 0: Get Flinders people involved

Step 1: Sign up to the *EnergyLocals* retailer

Step 2: Choose your buyers and set a price

BENEFITS & RISKS

Benefits

- Supporting local community
- Keep Flinders power in Flinders!
- Better value for your excess solar

Risks

- Need good community buy-in
- Summer/Winter energy variations?
- Export more than *5,000 kWh* per year?

Ask United
Energy

How big is a kWh?

Per year:

Average import: ~5,000 kWh

Average export: ~6,000 kWh
(above 5,000 kWh: from 5 to 26 kWh)



	You imported	You exported:	Export revenue
Average kWh:	4,974	6,371	\$0.06
	6,978	26,501	\$1,590
	9,282	23,571	\$1,414
	6,054	13,804	\$828
	1,867	9,300	\$558
	6,260	7,335	\$440
	4,348	6,531	\$392
	1,300	6,500	\$390
	5,661	5,976	\$359
	2,826	5,768	\$346
	1,359	5,280	\$317
	2,846	5,088	\$305
	4,239	4,876	\$293
	7,370	4,470	\$268
		3,824	\$229
	7,781	2,595	\$156
	9,154	1,515	\$91
	4,403	1,137	\$68
	4,833	735	\$44

Choose property

64082491480

[Set as default](#)

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151 MUSK CREEK ROAD FLINDERS VIC 3929

Usage details



E

< Previous

1 year ago: 2024

1500.0 kWh

1000.0

500.0

0.0

500.0

1000.0

1500.0

2000.0

2500.0 kWh

Energy flow

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Energy used

Energy exported

Maximum demand



Download energy reports

1. Summary report (PDF)

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2. Detailed report (CSV)

Download

3. Summary report (CSV)

Download

4. Victorian Energy Compare report

Download

[Have questions?](#)

Close

Next >

This year: 2025

NEXT STEPS

How can *you* get involved?

Best way forward?

Get Flinders excited!!

More info at: flinderszero.org.au/projects

Play with numbers? flinderszero.org.au/tools

Not an FZCC member? flinderszero.org.au/membership

LET'S CHAT ABOUT IT...