



Plymouth Energy
COMMUNITYTM



What innovation do we need?



**THIS IS PLYMOUTH
ENERGY COMMUNITY.
IT'S ALL ABOUT
PEOPLE POWER**



2030 Vision

Community energy will create an energy system that is democratic, decentralised, and decarbonised, where people are at the heart of the transition

12-20 times larger

contribute 5,270MW

power 2.2 million homes

support 8700 jobs

save 2.5 million tonnes of CO2 emissions

add £1.8 billion to the economy

YOU can get involved to help deliver this impact



Mission:

- **Bring local people and organisations together to tackle fuel poverty and the climate crisis.**
- **Increase local ownership and influence over local energy solutions.**
- **Improve community confidence to engage in the zero carbon transition.**
- **Enable people to heat and power their homes affordably.**

The poll....

How many households in Plymouth are in fuel poverty ?

- A. 1000**
- B. 7000**
- C. 15,000**
- D. 50,000**





INVESTING IN COMMUNITY ENERGY

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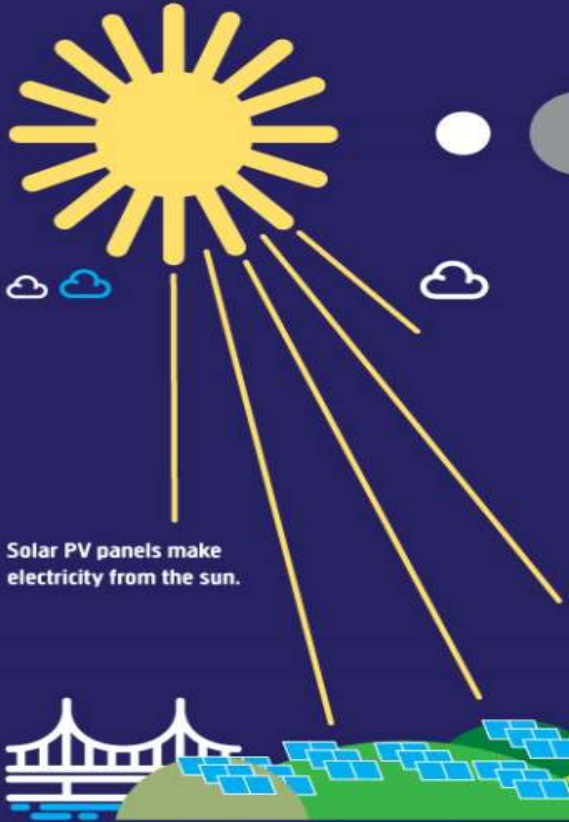




HOW IT ALL WORKS!

Investors purchase shares in PEC Renewables.

Investors become Members of PEC Renewables and earn a target of 6% interest per year.



Solar PV panels make electricity from the sun.

Ernesettle community solar array

Ernesettle Community Solar owns and manages the array.



Ernesettle Community Solar earns an income from subsidies and electricity sales.

PEC Renewables provides a loan to Ernesettle Community Solar.



Surplus funds from Ernesettle Community Solar are used by Plymouth Energy Community to fight fuel poverty and climate change around Plymouth.

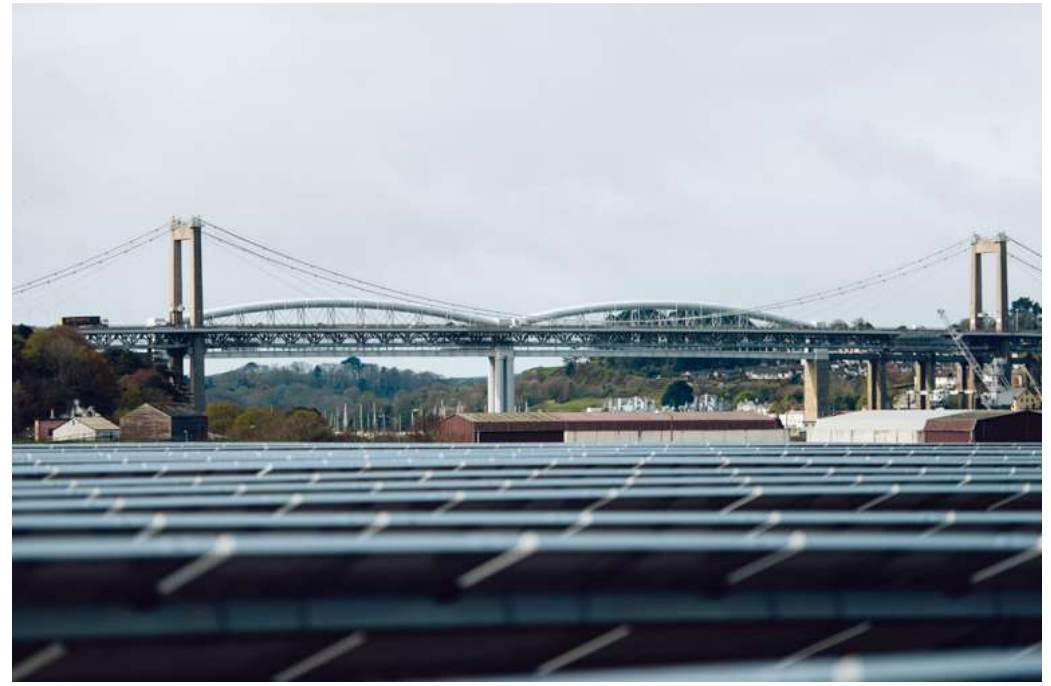


Four Greens Community Trust earn a rental income, supporting community activities in the surrounding four neighbourhoods.









Our Impact:



2,943

households were helped



£686,719

savings were made for households



10

volunteers joined



745

households had 1 to 1 support



3,549

tonnes of carbon have been avoided



6,194 MWh

clean energy was produced



£125,999

savings made for schools & organisations

October 2019 - September 2020

@plymenergycom



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PEC Homes

Community Led Zero Carbon Housing

