

BENEFITS OF SOLAR PANELS

Teacher-led Activity

This activity encourages questioning around the photovoltaic [PV] data collected as a result of having solar panels installed at your school by Genesis Energy.

BENEFITS OF SOLAR PANELS

WHAT YOU NEED TO DO

Write a persuasive argument in support of solar panels being installed in schools. Use the PV data to support your argument.

- Is the installation of solar panels the best way to generate electricity?

- What are the positive effects of installing solar panels?

- What might be better? What are the alternatives?

- Should the government subsidise the installation of solar panels for all houses in New Zealand?

EXTENSION

Genesis Energy has installed solar panels on the roof, which will enable your school to generate electricity.

Find the energy output for a given month for your school's solar panels:

{ _____ kW.h).

Find the total electrical energy used by the school in the same month:

{ _____ kW.h).

What fraction of your school's total power bill is the electricity generated by the solar panels for that month?

Share the environmental register issue with your school. Record and display the results next to the monitor on the Schoolgen wall in your school.
